5: Schwimmer E-4,5 (1966-1967) 1973
OJ23 Orokaiva OJ23
Mountain Orokaiva

BIBLIOGRAPHY

●113 Barnes, J. A., 1962: 'African Models in the New Guinea Highlands', *Man*, LXII, No. 2.

——, 1967: 'Agnation Among the Mae Enga: A Review Article', *Oceania*, XXXVIII: 33–43.

Barnett, Homer G., n.d.: 'A Comparative Study of Culture Change and Stability in Displaced Communities in the Pacific', University of Oregon, mimeo.

Barrau, Jacques, 1965: 'L'humide et le sec', *Journal of the Polynesian Society*, Vol. 74: 329–46.

Barth, Fredrik, 1966: *Models of Social Organization*, London, R.A.I. Occasional Paper No. 23.

Bateson, Gregory, 1958: *Naven* (2nd ed.), Stanford University Press.

Beaver, Winifred N., 1916: 'Kumusi Division', in: Commonwealth of Australia, *Papua Annual Report for the Year 1914–15*, pp. 48–55, Melbourne, Government of the Commonwealth of Australia.

——, 1920: 'The Use of Emblems or Insignia of Man-Killing among the "Orokaiva" Tribes of the Kumusi Division', in: Commonwealth of Australia, *Papua Annual Report for the Year 1918–19*, pp. 97–9, Melbourne, Government of Commonwealth of Australia.

Belshaw, C. S., 1951*a*: 'Resettlement in the Mount Lamington Area', MS filed New Guinea Research Unit, Port Moresby.

——, 1951*b*: 'Social Consequences of the Mount Lamington Eruption', *Oceania*, XXI: 241–52.

——, 1965: *Traditional Exchange and Modern Markets*, Englewood Cliffs, N.J.: Prentice-Hall.

——, 1967: 'The Conditions of Social Performance', Vancouver, mimeo.

——, 1967: 'Theoretical Problems in Economic Anthropology' in: *Social Organization, Essays Presented to Raymond Firth*, ed: Maurice Freedman, pp. 25–42.

Benson, Canon James, 1955: 'The Bapa Saga and the Brothers Ambo', The Anglican (Melbourne), 4 March, p. 6.

——, 1955: 'Kikiri and Gatara', *The Anglican* (Melbourne), 18 March, p. 6.

Berndt, R. M., 1962: *Excess and Restraint*, Social Control among a New Guinea Mountain People, University of Chicago Press.

Blau, Peter, 1964: *Exchange and Power in Social Life*, New York, Wiley.

Bohannan, Paul, 1955*a*: 'Some Principles of Exchange and Investment Among the Tiv', *American Anthropologist*, 57: 60–70.

——, 1955*b*: 'The Impact of Money on an African Subsistence Economy', *Journal of Economic History*, XIX, No. 4.

Boudon, Pierre, 1967: 'Essai sur l'interprétation de la notion d'échange', *L'Homme* VII (2): 64–84.

——, 1968: in 'À propos de la notion d'échange et de la grammaire générative, Discussion, par Dan Sperber et Pierre Boudon', *L'Homme* VIII (2): 104–19.

Brookfield, H. C., 1966: 'An Assessment of Natural Resources', in: *New Guinea on the Threshold*, (ed. E. K. Fisk), pp. 44–79, Canberra, Australian National University Press.

—— and Paula Brown, 1963: *Struggle for Land*, Melbourne.

Brown, Paula, 1962: 'Non-Agnates among the Patrilineal Chimbu', *Journal of the Polynesian Society*, 71:57–69.

5: Schwimmer E-4,5 (1966-1967) 1973
OJ23 Orokaiva OJ23
Mountain Orokaiva

Bulmer, R., 1960: 'Political Aspects of the Moka Ceremonial Exchange System among the Kyaka People of the Western Highlands of New Guinea', *Oceania* 31.

Burridge, K. O. L., 1957*a*: 'Disputing in Tangu', *American Anthropologist*, 59: 763–80.

——, 1957*b*: 'Friendship in Tangu', *Oceania* XXVII: 177–89.

——, 1957*c*: 'The Gagai in Tangu', *Oceania* XXVIII: 56–72.

——, 1957*d*: 'Descent in Tangu', *Oceania* XXVIII: 85–99.

——, 1958: 'Marriage in Tangu', *Oceania* XXIX: 44–61.

——, 1959: 'Siblings in Tangu', *Oceania* XXX, 128–54.

——, 1960: *Mambu (A Melanesian Millennium)*, London, Methuen.

——, 1965–6: 'Tangu Political Relations', *Anthropological Forum*, I: 393–411.

——, 1969*a*: *New Heaven, New Earth*, Oxford, Basil Blackwell.

——, 1969*b*: *Tangu Traditions*, Oxford, Clarendon Press.

Capell, A, n.d.: Unpublished manuscripts concerning the Binandere group of languages.

Chignell, Arthur Kent, 1911: *An Outpost in Papua*, London, Smith, Elder.

Chinnery, E. W. P. and W. N. Beaver, 1915: 'Notes on the Initiation Ceremonies of the Koko, Papua', *Journal of the R.A.I.*, XLV: 69–78.

——, 1916: 'The Movements of the Tribes of the Mambare, Division of Northern Papua', and a Language chart of the Northern Districts of Papua, being Appendices 2 and 3 of *Commonwealth of Australia: Papua Annual Report for the Year 1914–15*, pp. 158–70, Melbourne, Government of Commonwealth of Australia.

Chinnery, E. W. P. and A. C. Haddon, 1917: 'Five New Religious Cults in British New Guinea', *Hibbert Journal*, vol. 15: 448–63.

Chomsky, Noam, 1957: *Syntactic Structures*, The Hague, Mouton.

——, 1964: 'On the notion "rule of grammar" ', and 'A transformational approach to syntax', in J. Fodor and J. Katz, eds., *Structure of Language: readings in the philosophy of language*, Englewood Cliffs, N.J., Prentice-Hall.

——, 1966: *Topics in the Theory of Generative Grammar*, The Hague, Mouton.

Commonwealth of Australia, 1966: *Annual Report to Parliament on the Territory of Papua* for the Year ending 30 June 1965, Canberra.

Cook, Edwin A., 1966: 'Cultural Flexibility: Myth and Reality', *Anthropos* 61: 831–8.

Craig, Ruth, 1969: 'Marriage Among the Telefolmin', in: *Pigs, Pearlshells and Women* (eds. R. M. Glasse and M. J. Meggitt), pp. 176–97, Englewood Cliffs, N.J., Prentice-Hall.

Crocombe, R. G., 1964: *Communal cash Cropping among the Orokaiva, New Guinea Research Unit Bulletin* No. 4.

——, 1966: 'A Modern Orokaiva Feast', in *Orokaiva Papers, New Guinea Research Bulletin*, No. 13, pp. 69–78.

——, 1967: 'Four Orokaiva Cash Croppers', *New Guinea Research Bulletin* 16: 3–22.

—— and G. R. Hogbin, 1963: *Land, Work and Productivity at Inonda, New Guinea Research Unit Bulletin*, No. 2.

CSIRO 1964: 'General Report on lands of the Buna-Kokoda Area, Territory of Papua and New Guinea', *CSIRO Land Research Series*, No. 10.

Cunnison, Ian, 1954: (translator): *The Gift* by Marcel Mauss, London, Cohen and West.

Dakeyne, R. B., 1966: 'Co-operatives at Yega', in *Orokaiva Papers*, pp. 53–68, *New Guinea Research Bulletin*, No. 13.

5: Schwimmer E-4,5 (1966-1967) 1973
OJ23 Orokaiva OJ23
Mountain Orokaiva

● 113 Dumont, Louis, 1957*a*: *Hierarchy and Marriage Alliance in South Indian Kinship*, Occasional Papers of the R.A.I., No. 12.
——, 1957*b*: *Une Sous-Caste de L'Inde du Sud*, Paris – The Hague, Mouton.
Dupeyrat, André, 1965: 'Essai de classification des peuplades de la Papouasie', Ch. III, 'Les peuplades du littoral septentrional de la péninsule papoue', *Journal de la Société des Océanistes*, XXI 79–104.
Durkheim, Emile, 1961: *The Elementary Forms of Religious Life*, New York, Collier.
Epstein, A. L., 1964: 'Variation and Social Structure: Local Organisation on the Island of Matupit, New Britain', *Oceania*, XXXV: 1–25.
Erikson, Erik H., 1963: *Childhood and Society* (2nd. ed.), New York, W. W. Norton.
Evans-Pritchard, E. E., 1939: 'Nuer Time Reckoning', *Africa*, Vol. 12, No. 2.
——, 1956: *Nuer Religion*, Oxford University Press.
Firth, R., 1939: *Primitive Polynesian Economy*, London.
——, 1951: *Elements of Social Organisation*, London, Watts.
——, 1959: *Economics of the New Zealand Maori*, Wellington, Government Printer.
——, 1964: *Essays in Social Organisation and Values*, London School of Economics, Monographs in Social Anthropology, No. 28.
——, 1967: 'Themes in Economic Anthropology: A General Comment', in: *Themes in Social Anthropology*, (ed. R. Firth), London, A.S.A. Monographs 6.
Geertz, Clifford, 1966: *Agricultural Involution*, University of California Press.
Gentzen, Gerhard, 1934: 'Untersuchungen ueber das logische Schliessen', *Mathematische Zeitschrift*, 39: 176–210, 405–431. Translated with commentary as: *Recherches sur la déduction logique*, Presses Universitaires de France, 1955.
Glasse, R. M., 1959: 'Revenge and Redress among the Huli: a Preliminary Account', *Mankind* V: 277–89.
——, 1962: *The Cognatic Descent System of the Huli of Papua*, Canberra, Australian National University.
Gluckman, Max: 1955: *Custom and Conflict in Africa*, Oxford, Basil Blackwell.
——, 1965: Politics, *Law and Ritual in Tribal Society*, Oxford, Basil Blackwell.
——, 1968: 'Psychological, Sociological and Anthropological Explanations of Witchcraft and Gossip', *Man* 3: 305–8.
Godelier, Maurice, 1965: 'Objet et méthodes de l'anthropologie économique', *L'Homme* V: 32–91.
Goodenough, Ward E., 1962: 'Kindred and Hamlet in Laikai, New Guinea', *Ethnology* I: 5–12.
Gouldner, Alvin W., 1960: 'The Norm of Reciprocity: A Preliminary Statement', *American Sociological Review*, 25: 161–78.
Grace, George W., 1968: 'Classification of the Languages of the Pacific', in: *Peoples and Cultures of the Pacific* (ed. A. P. Vayda), pp. 63–79, New York, Natural History Press.
Groves, Murray, 1963: 'Western Motu Descent Groups', *Ethnology* II: 15–30.
Hobbes, Thomas, 1965: *Leviathan*, London, Everyman.
Hogbin, G. R., 1966: 'An Orokaiva Marriage', *Orokaiva Papers*, New Guinea Research Bulletin, No. 13, pp. 79–101.
Hogbin, Ian, 1967: 'Land Tenure in Wogeo', in: *Studies in New Guinea Land Tenure*, pp. 1–44, Sydney University Press.
Homans, George C., 1961: *Social Behaviour: Its Elementary Forms*, London, Routledge and Kegan Paul.

5: Schwimmer E-4,5 (1966-1967) 1973
OJ23 Orokaiva OJ23
Mountain Orokaiva

Howlett, Diana R., 1965: *The European Land Settlement Scheme at Popondetta*, New Guinea Research Unit Bulletin No. 6.
Hubert, Henri and Marcel Mauss, 1964: *Sacrifice: Its Nature and Function*, London, Cohen and West.
Jarvie, I., 1964: *The Revolution in Anthropology*, London, Routledge and Kegan Paul.
Jensen, Ad. E., 1960: *Mythos und Kult bei Naturvoelkern*, (2nd. ed.) Wiesbaden, Steiner.
Kaberry, Phyllis M., 1967: 'The Plasticity of New Guinea Kinship', in *Social Organisation*, Essays Presented to Raymond Firth, London, Cass.
Keesing, Felix M., 1952: 'The Papuan Orokaiva Vs Mount Lamington: Cultural Shock and its Aftermath', *Human Organisation*, 11, #1.
Kelman, Herbert C., 1962: 'Processes of Opinion Change' in *The Planning of Social Change* (eds. W. G. Bennis, K. B. Benne, R. Chin), New York, Holt, Rinehart and Winston, pp. 509–27.
King, the Rev. Copland, 1927: *Grammar and Dictionary of the Binandere Language*, Sydney, D. S. Ford.
Klingebiel, A. A. and P. H. Montgomery, 1961: *Land capability and classification*, Agricultural Handbook 210, Soil Conservation Service, U.S. Department of Agriculture.
Krige, E. G. and J. D., 1939: 'The Significance of cattle exchange in Lovedu Social Structure', *Africa*, Vol. XII.
——, 1943,: *The Realm of the Rain Queen*, London, Oxford University Press for International African Institute.
Landtman, Gunnar, 1927: *The Kiwai Papuans of British New Guinea*, London, Macmillan.
Lane, R. B., 1965: 'The Melanesians of South Pentecost, New Hebrides', in: *Gods, Ghosts and Men in Melanesia*, (eds. P. Lawrence and M. J. Meggitt), Melbourne, Oxford University Press.
Langness, L. L., 1964: 'Some Problems in the Conceptualisation of Highlands Social Structure', *American Anthropologist*, #4, Pt. 2: 162–82.
Lawrence, Peter, 1963: 'Religion: Help or Hindrance to Economic Development in Papua and New Guinea?', *Mankind*, Vol. 6, No. 1: 3–11.
——, 1964: *Road Belong Cargo*, Manchester University Press.
——, 1967: 'Land Tenure Among the Garia', in *Studies in New Guinea Land Tenure*, pp. 91–148, Sydney University Press.
Lawrence, P. and M. J. Meggitt, 1965: 'Introduction' in *Gods, Ghosts and Men in Melanesia* (ed. P. Lawrence and M. J. Meggitt), Melbourne, Oxford University Press, pp. 1–26.
Leach, E. R., 1954: *Political Systems of Highland Burma*, London, Bell.
——, 1961a: *Rethinking Anthropology*, London School of Economics Monographs on Social Anthropology, No. 22.
——, 1961b: *Pul Eliya, A Village in Ceylon*, London, Cambridge University Press.
Leeden, A. C. van der, 1960: 'Social Structure in New Guinea', *Bijdragen tot de Taal-, Land- en Volkenkunde* 116: 119–49.
Lévi-Strauss, Claude, 1949: *Les structures élémentaires de la parenté*, Paris, Presses Universitaires de France.
——, 1958: *Anthropologie structurale*, Paris, Plon.
——, 1961: 'Le geste d'Asdiwal', *Les Temps Modernes*, no. 179.
——, 1962: *La pensée sauvage*, Paris, Plon.
——, 1962T: *Le totémisme aujourd'hui*, Paris, Presses Universitaires de France.
——, 1964: *Mythologiques I: Le cru et le cuit*, Paris, Plon.

5: Schwimmer E-4,5 (1966-1967) 1973
OJ23 Orokaiva OJ23
Mountain Orokaiva

113 Lévi-Strauss, Claude, 1966: *Mythologiques II: Du miel aux cendres*, Paris, Plon.
——, 1966: 'Introduction à l'oeuvre de Marcel Mauss', in Marcel Mauss, *Sociologie et anthropologie*: ix–lii, 3rd. ed., Paris, Presses Universitaires de France.
——, 1967: *Les structures élémentaires de la parenté*, 2nd. ed., The Hague, Mouton.
——, 1968: *Mythologiques III: L'origine des manières de table*, Paris, Plon.
Mair, Lucy P., 1948: *Australia in New Guinea*, London, Christopher.
Malinowski, Bronislaw, 1920: 'Kula; the Circulating Exchange of Valuables in the Archipelagoes of Eastern New Guinea', *Man*, No. 51.
——, 1922: *Argonauts of the Western Pacific*, London, Routledge and Kegan Paul.
——, 1925: 'Magic, Science and Religion', in *Science, Religion and Reality*, ed. J. A. Needham, London, (reprinted Malinowski 1954).
——, 1926: *Crime and Custom in Savage Society*, International Library of Psychology, Philosophy and Scientific Method, London and New York.
——, 1926M: *Myth in Primitive Psychology*, Psyche Miniatures, gen. ser. No. 6, London (reprinted Malinowski 1954).
——, 1929: *The Sexual Life of Savages in North-Western Melanesia*, London.
——, 1954: *Magic, Science and Religion and Other Essays*, New York, Doubleday.
Marwick, M., 1952: 'The Social context of Cewa witch beliefs', *Africa*, 22: 120–135 and 215–33.
——, 1963: 'The Sociology of Sorcery in a Central African Tribe', *African Studies* 22 (1): 1–21.
Mauss, Marcel, 1966: *Sociologie et anthropologie*, Paris, Presses Universitaires de France, 3rd ed. (expanded).
——, 1967: *Manuel d'ethnographie* (2nd. ed.) Paris, Payot.
——, 1968: Oeuvres 1: *Les fonctions sociales du sacré*, Paris, Les éditions de Minuit.
Mead, Margaret, 1935: *Sex and Temperament in Three Primitive Societies*, London, Routledge.
Meggitt, M. J., 1965(*a*): *The Lineage System of the Mae-Enga of New Guinea*, Edinburgh, Oliver and Boyd.
——, 1965*b*: 'The Mae Enga of the Western Highlands', in *Gods, Ghosts and Men in Melanesia* (eds. P. Lawrence and M. J. Meggitt), pp. 105–31, Melbourne, Oxford University Press.
Meggitt, J. J., 1969: 'Introduction' in *Pigs, Pearlshell and Women* (eds. R. M. Glasse and M. J. Meggitt), pp. 1–15, Englewood Cliffs, N.J., Prentice-Hall.
Monckton, C. A. W., 1921: *Some Experiences of a New Guinea Resident Magistrate*, London, John Lane, The Bodley Head.
——, 1922: *Last Days in New Guinea*, London, John Lane, The Bodley Head.
——, 1934: *New Guinea Recollections*, London, John Lane, The Bodley Head.
Morrawetz, D., 1967: 'Land Tenure Conversion in the Northern District of Papua', *New Guinea Research Bulletin*, no. 17.
Murray, J. H. P. (Sir Hubert), 1912: *Papua or British New Guinea*, London.
Nadel, S. F., 1957: *The Theory of Social Structure*, Melbourne University Press.
Newman, Philip L., 1964: 'Religious Belief and Ritual in a New Guinea Society', *American Anthropologist*, 66: #4, Pt. 2: 257–72.
——, 1965: *Knowing the Gururumba*, New York, Holt, Rinehart and Winston.
Paine, Robert, 1968: 'Gossip and Transactions', *Man* 3: 305–8.
Panoff, M., 1968: 'The Notion of Time among the Maenge People of New Britain', Port Moresby, mimeo.

5: Schwimmer E-4,5 (1966-1967) 1973
OJ23 Orokaiva OJ23
Mountain Orokaiva

Parker, R. S., 1966: 'The Growth of Territory Administration', in: *New Guinea on the Threshold* (ed. E. K. Fisk), pp. 187–220, Canberra, Australian National University Press.

Pehrson, Robert N., 1957: *The Bilateral Network of Social Relations in Konkama Lapper District*, Bloomington, Indiana University Publications.

Plant, H. T., 1951: 'Re-establishmet of the Isivita Villages', Port Moresby, New Guinea Research Unit Library.

Pocock, David F., 1964: 'The Anthropology of Time Reckoning', *Contributions to Indian Sociology*, 7: 18–29.

Pospisil, Leopold, 1964: *The Kapauku Papuans of West New Guinea*, New York, Holt, Rinehart and Winston.

Pouillon, Jean, 1966: 'Sartre et Levi-Strauss, Analyse Dialectique d'une relation dialectique/analytique', *L'Arc* 26: 60–65.

Pouwer, Jan, 1955: *Enkele aspecten van de Mimika-cultuur*, The Hague, Staatsdrukkerij en Uitgeversbedrijf.

——, 1961: 'New Guinea as a Field for Ethnological Study', *Bijdragen tot de Taal –, land – en Volkenkunde*, 117: 1–24.

——, 1964: 'A Social System in the Star Mountains: towards a reorientation of the study of social systems', *American Anthropologist*, 66, No. 4, Pt. II, 133–62.

——, 1965: 'De structurele methode in punten', University of Amsterdam, mimeo.

——, 1966*b*: 'Structure and Flexibility in a New Guinea Society', *Bijdragen tot de Taal-, Land- en Volkenkunde*, 122: 158–69.

——, 1966*a*: 'Toward a Configurational Approach to Society and Culture in New Guinea', *Journal of the Polynesian Society*, 75: 267–86.

Radcliffe-Brown, A. R., 1951: 'The Comparative Method in Social Anthropology', in: *Journal of the R.A.I.*, Vol. 81, Parts I and II.

Raglan, Lord, 1963: 'Kinship and Inheritance', *Studies in Kinship and Marriage* (ed. I. Schapera), London, R.A.I.

Rappaport, Roy A., 1968: *Pigs for the Ancestors*, New Haven, Yale University Press.

Read, K. E., 1959: 'Leadership and Consensus in a New Guinea Society', *American Anthropologist* 61: 425–36.

Reay, Marie, 1953: 'Social Control among the Orokaiva', *Oceania*, XXIV: 110–18.

——, 1959: *The Kuma. Freedom and Conformity in the New Guinea Highlands*, Melbourne University Press.

Rimoldi, Max, 1966: *Land Tenure and Land Use among the Mount Lamington Orokaiva, New Guinea Research Bulletin*, No. 11.

Ryan, D. J., 1959: 'Clan Formation in the Mendi Valley', *Oceania*, XXIX: 259–89.

Sahlins, Marshall D., 1963: 'Poor Man, Rich Man, Big-Man, Chief', Comparative Studies in Society and History 5: 283–300.

——, 1965*a*: 'On the Sociology of Primitive Exchange', *A.S.A. Monographs*, No. 1: 139–236.

——, 1965*b*: 'Exchange Value and the Diplomacy of Primitive Trade', *Proceedings of the 1965 Spring Meeting*, American Ethnological Society, pp. 95–129.

——, 1968: 'Philosophie politique de l'"Essai sur le don" ', *L'Homme*, VIII (4): 5–17.

Salisbury, R. F., 1956: 'Unilineal Descent Groups in the New Guinea Highlands', *Man*, LVI: No. 2.

5: Schwimmer E-4,5 (1966-1967) 1973
OJ23 Orokaiva OJ23
Mountain Orokaiva

● 113 Salisbury, R. F., 1962: *From Stone to Steel*, Melbourne University Press.
Sartre, Jean-Paul, 1960: *Critique de la raison dialectique*, Paris.
Schapera, I, 1957: 'Malinowski's Theories of Law', in: *Man and Culture* (ed. Raymond Firth), London, Routledge and Kegan Paul, 139–56.
Scheffler, Harold W., 1965: *Choiseul Island Social Structure*, University of California Press.
Schutz, Alfred, 1967: *Collected Papers* I, The Hague, Nijhoff.
Schwimmer, Erik G., 1967: 'Modern Orokaiva Leadership', *Journal of the Papua New Guinea Society*, Vol. 1 (2): 52–60.
——, 1969: *Cultural Consequences of a Volcanic Eruption Experienced by the Mount Lamington Orokaiva*, Eugene, University of Oregon, Comparative Study of Cultural Change and Stability in Displaced Communities in the Pacific, Report No. 9.
——, 1969V: 'Virgin Birth', *Man* 4: 132–3.
——, 1970: 'Alternance de l'échange restreint et de l'échange généralisé dans le système matrimonial orokaiva', *L'Homme*, X, (4), 5–34.
Serpenti, L. M., 1965: *Cultivators in the Swamps*, Assen, van Gorcum.
Simonis, Yvan, 1968: *Claude Lévi-Strauss ou la 'Passion de l'Inceste'*, Paris, Aubier-Montagne.
Smith, Robertson, 1889: *The Religion of the Semites*, London.
Sperber, Dan, 1968: 'Le structuralisme en anthropologie', in: *Qu'est ce que le structuralisme?*, Paris, Editions du Seuil, pp. 167–238.
Stanner, W. E. H., 1959: 'Continuity and Schism in an African Tribe: a Review', Oceania, XXIX: 208–17.
——, 1953: *The South Seas in Transition*, Sydney, Australasian Publishing Co.
——, 1960–3: 'On Aboriginal Religion', *Oceania*, XXX, 108–27; 245–78; XXXI 100–20; 233–58; XXXII: 79–108; XXXIII 239–73.
Steiner, Franz, 1954: 'Notes on Comparative Economics', *British Journal of Sociology* V: 118–29.
Strathern, Andrew, 1966: 'Despots and Directors in the New Guinea Highlands', *Man* (n.s.) 1:356–67.
——, 1969: 'Descent and Alliance in the New Guinea Highlands', *Proceedings of the R.A.I. for 1968*, pp. 37–52.
Taylor, G. A., 1958: 'The 1951 Eruption of Mount Lamington', Canberra, Department of National Development, *Bureau of Mineral Resources Geology and Geophysics Bulletin*, No. 38.
Thurnwald, Richard, 1916: 'Banaro Society: Social Organisation and Kinship System of a Tribe in the Interior of New Guinea', *Memoirs of the American Anthropological Association*, No. 8.
Tomlin, J. W. S., 1951: *Awakening, A History of the New Guinea Mission*, London, Fulham Palace.
Turner, Victor W., 1957: *Schism and Continuity in African Society*, Manchester University Press.
Van Velsen, J., 1964: *The Politics of Kinship*, Manchester University Press.
Waddell, E. W. and P. A. Krinks, 1968: 'The Organisation of Production and Distribution among the Orokaiva', *New Guinea Research Bulletin*, No. 24.
Wagner, Roy, 1967: *The Curse of Souw*, University of Chicago Press.
Watson, J. B., 1970: 'Society as Organised Flow', *South-Western Journal of Anthropology*, Vol. 26, June.
White, Nancy, n.d.: Manuscript Collection in English and Orokaiva.
Williams, F. E., 1924: *The Natives of the Purari Delta*, Territory of Papua, Anthropology Report no. 5.

5: Schwimmer E-4,5 (1966-1967) 1973
OJ23 Orokaiva OJ23
Mountain Orokaiva

Williams, F. E., 1925: 'Plant Emblems among the Orokaiva', *Journal of the R.A.I.*, 55: 405–24.
——, 1928: *Orokaiva Magic*, London, Oxford University Press.
——, 1930: *Orokaiva Society*, London, Oxford University Press.
——, 1932: 'Sex Affiliation and its Implications', *Journal of the R.A.I.*, 62: 51–81.
——, 1932/3: 'Trading Voyages from the Gulf of Papua', *Oceania*, III (2): 139–66.
——, 1934: 'Exchange Marriage and Exogamy', *Man*, 34: No. 131.
——, 1936: *Papuans of the Trans-Fly*, London, Oxford University Press.
——, 1940: *Drama of Orokolo*, London, Oxford University Press.
——, 1940/2: 'Natives of Lake Kutubu', *Oceania Monograph*, No. 6.
Wilson, Monica, 1952: *Good Company*, London, Oxford University Press.
——, 1959: *Communal Rituals of the Nyakusa*, London, Oxford University Press.
Worsley, Peter, 1957: *The Trumpet Shall Sound*, London, McGibbon and Kee.
Wurm, S. A., 1966: 'Language and Literacy', in: *New Guinea on the Threshold* (ed. E. K. Fisk), pp. 135–48, Canberra, Australian National University Press.
Young, Michael W., 1971: *Fighting with Food*, Cambridge University Press.

[p. 236 is blank]

Bibliography

● 113 Belshaw, C.S., 1951. "The social consequences of the Mt. Lamington eruption". Oceania, 21 : 241-52.

Dakeyne, R.B., 1963. "The genesis and development of the co-operative movement among the Yega". typescript, Sydney.

Frazer, Roger M., 1963. "Changing Fijian agriculture", paper delivered to the Institute of Australian Geographers, Armidale.

Healy, A.M., 1962 Local Government and Native Administration in Papua and New Guinea, Ph.D. thesis (unpublished) Australian National University. Canberra.

Humphries, W.R., 1944. "A review of native plantations", being a paper presented to A.N.G.A.U. Conference, Port Moresby.

Keesing, Felix M., 1952. "The Papuan Orokaiva versus Mt. Lamington" typescript, Stanford.

Laws of the Territory of Papua, 1888-1960. Halstead Press, Sydney.

Legge, J.D., 1956. "Australian Colonial Policy". Angus & Robertson, Sydney.

McAuley, James, 1952. "Mechanization, collectives and native agriculture". South Pacific, 6 : 276-81.

- 1956. "Problems of agricultural organization". South Pacific, 9 : 330-6.

Mair, L.P., 1948. "Australia in New Guinea". Christophers, London.

Miles, J., 1956. "Native commercial agriculture in Papua". South Pacific, 9 : 318-28.

113 Murray, J. H. P., 1922 Review of the Australian Administration in Papua from 1907 to 1920. Government Printer, Port Moresby.

- 1925. Papua of Today. King & Sons. London.

P.A.R., see Territory of Papua.

Rimoldi, M., 1964. "Land tenure and land use among the Mt. Lamington Orokaiva". New Guinea Research Unit Bulletin, (in press).

Shand, R.T., 1963. "The development of cash cropping in Papua and New Guinea", paper presented to the Annual Conference of the Australian Agricultural Economics Society, Sydney, February, 1963.

Singh, Charan, 1959. Joint farming X-rayed, Bharataya Vidya Bhavan, Bombay.

Territory of Papua, 1894 - 1952. Annual reports. (Abbreviated as P.A.R.)

Wickizer, V.D., 1960. "The smallholder in tropical export-crop production", Food Research Institute Studies, 1 : 49-99.

7: Rimoldi et al. E,I-5 (1962-1965) 1966 QJ23 Orokaiva QJ23 Mountain Orokaiva Sivepe

Bibliography

Barnes, J.A., 1962. 'African Models in the New Guinea Highlands', Man, Vol.62.

Barrau, J., 1958. Subsistence Agriculture in Melanesia, Bernice P. Bishop Museum Bulletin 219.

Belshaw, C.S., 1951. Resettlement in the Mount Lamington Area, typescript.

-- 1951a. 'Social Consequences of the Mount Lamington Eruption', Oceania, Vol.21.

Brookfield, H., and Brown, P., 1963. Struggle for Land, Melbourne.

Brown, P., 1962. 'Non-agnates among the Patrilineal Chimbu', Journal of the Polynesian Society, Vol.71.

Brown, P., and Brookfield, H., 1959. 'Chimbu Land and Society', Oceania, Vol.30.

Cheetham, R.J. Indigenous Resettlement in the Northern District. Being prepared for publication.

Chinnery, E.W.P., and Beaver, W.N., 1915. Annual Report (Territory of Papua) 1914-15, Appendices 2, 3 and 4.

Cole, K.S., 1960. 'Robusta Coffee in Southeast Papua', The Papua and New Guinea Agricultural Journal, Vol.12.

Commonwealth Scientific and Industrial Research Organization (Land Research and Regional Survey Section), 1954. Interim report, description and assessment of the land systems and soil associations in the Kumusi River - Oro Bay area, Northern Division, Papua. Being unpublished Report No.54/2 of June 1954, Canberra.

Conklin, H.C., 1954. 'An Ethnological Approach to Shifting Agriculture', Transactions of the New York Academy of Sciences, Ser.2, Vol.17.

26: Schwimmer, Erik Gabriel. Objects of meditation: myth and praxis. By Erik Schwimmer. In Ino Rossi, editor. The Unconscious in Culture; the Structuralism of Claude Lévi-Strauss in Perspective. New York, E. P. Dutton & Co., 1974: 209-237.

Yale: GN320 R67 (LC).

[This is a short article in which the author discusses the role of coconut, areca, and taro in Orokaiva society. These "objects", according to Schwimmer, are "total phenomena" in Orokaiva society, and the significance can only be understood by considering them in their full mythological, ritual, and social context. He illustrates this point by a brief and somewhat obscure analysis of these three crops as they are represented in Orokaiva mythology and exchange networks.]

Field date: 1966-1970
Analyst: David Sherwood

Evaluation: Ethnologist-5
Processed in 1984

27: Schwimmer, Erik Gabriel. The self and the product; concepts of work in comparative perspective. By Erik Schwimmer. In Sandra Wallman, editor. Social Anthropology of Work. Association of Social Anthropologists, A. S. A. Monograph, 19. London, New York, etc., Academic Press, 1979: 287-315.

Yale: HD6952 S62 (LC).

[This source is primarily a consideration of cross-cultural comparisons of the concept of "work"; the author illustrates his theoretical points with some data from his research on Orokaiva. He attempts to demonstrate that Orokaiva differentiate among several types of "work" according to the ultimate disposition of the "value" realized from each type, and that among pre-contact Orokaiva "work" was a religious, not an economic category.]

Field date: 1966-1970
Analyst: David Sherwood

Evaluation: Ethnologist-5
Processed in 1984

Iteanu, André. La ronde des échanges; de la circulation aux valeurs chez les Orokaiva [The round of exchanges; on the circulation of values among the Orokaiva]. Publié avec le concours du Centre national de la recherche scientifique. Cambridge, Cambridge University Press; Paris, Editions de la Maison des sciences de l'homme, 1983.

[19], 335 p.; 40 photographs, 20 figures (including 1 map).

HRAF copy.

[This volume is an analysis of social relations among the Orokaiva, with emphasis on the central role of the circulation of ceremonial exchanges. The book jacket notes that: "In describing the Orokaiva rituals of the stages of life (birth, initiation, and death), André Iteanu places these in the context of a ceremonial circulation dominated by exchanges between spirits and men....The resulting analysis, clarifying the fundamental value attached to mutual reciprocation of gifts, and distinguishing the different levels of exchange in the light of that value, provides a convincing interpretation of Orokaiva society."

Iteanu: La ronde des échanges.

Unfortunately for this file, the book was written before the author did fieldwork among the Orokaiva and the whole is a reanalysis of published data (except perhaps for the photographs). Iteanu does note that the work was validated by his 18 months in the field and he did not rewrite any of it. Because of the secondary nature of this book, it has not been processed for OJ23 Orokaiva file.]

Conklin, H.C., 1957. 'Hanundo Agriculture', Food and Agricultural Organization Forestry Department, Paper No.12.

Conroy, W.L., 1953. 'Notes on some Land Use Problems in Papua and New Guinea', South Pacific, Vol.7.

Crocombe, R.G., 1964. 'Communal Cash Cropping among the Orokaiva of the Northern District of Papua', New Guinea Research Unit Bulletin, No.4.

Crocombe, R.G., and Hogbin, G.R., 1963. 'Land, Work and Productivity at Inonda', New Guinea Research Unit Bulletin, No.2.

C.S.I.R.O. See Commonwealth Scientific and Industrial Research Organization.

Dakeyne, R., 1965. Stability and Change in the Yega Economy. A geographical case study of land tenure, land use and settlement in Northern Papua. Unpublished M.A. thesis, University of Sydney.

Department of Agriculture, Stock and Fisheries. Reports of district agricultural officers.

Department of District Administration. Patrol Reports.

Fisk, E.K., 1962. 'Planning in a Primitive Economy: Special Problems of Papua-New Guinea', The Economic Record, Vol.38.

Hogbin, I., 1963. Kinship and Marriage in a New Guinea Village. London School of Economics Monographs on Social Anthropology, No.26.

Hogbin, I., and Wedgwood, C., 1952-4. 'Local Grouping in Melanesia', Oceania, Vols.23 and 24.

Howlett, D.R., 1965. 'The European Land Settlement Scheme at Popondetta', New Guinea Research Unit Bulletin, No.6.

Humphries, W.R., 1944. A review of native plantations, being a paper presented to A.N.G.A.U. Conference, Port Moresby.

Keesing, F., 1931. The Papuan Orokaiva versus Mt Lamington, cyclostyle.

Lawrence, Peter, 1955. Land Tenure among the Garia, Australian National University Social Science Monograph, No.4.

113

113 Mann, C.E.T., 1954. 'Investigation of the Rubber Industry in Papua and New Guinea, Part II', The Papua and New Guinea Agricultural Gazette, Vol.8.

McArthur, Norma, 1956. The Populations of the Pacific Islands, Part VII: Papua and New Guinea, cyclostyle.

McCarthy, Dudley, 1959. Australia in the War of 1939-45: South-West Pacific Area First Year, Australian War Memorial, Canberra.

Meek, C.K., 1949. Land Law and Custom in the Colonies, London.

Meggitt, M.J., 1958. 'The Enga of the New Guinea Highlands: Some Preliminary Observations', Oceania, Vol.28.

Mission from the International Bank for Reconstruction and Development, 1964. The Economic Development of the Territory of Papua and New Guinea, Baltimore.

Monckton, C.A.W., 1921. Some Experiences of a New Guinea Resident Magistrate, London.

Native Regulations Ordinance 1908-30.

Newton, K., 1960. 'Shifting Cultivation and Crop Rotations in the Tropics', The Papua and New Guinea Agricultural Journal, Vol.13.

Norton, J.E., 1962. Notes on Land Ownership and Inheritance Rights of the Orokaiva People, typescript.

Plant, H.T., 1951. Re-establishment of the Isivita Villages, typescript.

Reay, Marie, 1953. 'Social Control among the Orokaiva', Oceania, Vol.24.

Royal Anthropological Institute of Great Britain and Ireland, A Committee of, 1960. Notes and Queries on Anthropology, 6th ed., London.

Salisbury, R.F., 1962. 'Early Stages of Economic Development', Journal of the Polynesian Society, Vol.71.

Taylor, G.A., 1958. The 1951 Eruption of Mount Lamington, Papua, Department of National Development, Canberra.

7: Rimoldi et al. E,I-5 (1962-1963) 1966 OJ23 Orokaiva OJ23
Mountain Orokaiva
Sivepe

1130

Territory of Papua, Annual Reports.

Vicary, J.R., 1960. 'Agricultural Year at Yabob Village', The Papua and New Guinea Agricultural Journal, Vol.12.

Walters, C.L., 1963. Survey of Indigenous Agriculture and Ancillary Surveys 1961-1962, Port Moresby.

Watson, J.B. (ed.), 1964. New Guinea: the Central Highlands, American Anthropologist Special Publication, Vol.66.

Williams, F.E., 1925. 'Plant Emblems among the Orokaiva', Journal of the Royal Anthropological Institute, Vol.55.

-- 1928. Orokaiva Magic, London.

-- 1930. Orokaiva Society, London.

-- (n.d.). W.1-157 and O.1-661. Unpublished MSS in Mitchell Library, Sydney. References in text follow Williams' method of notation.

8: Waddell & Krinks E-4,5 (1964-1965) 1968 QJ23 Orokaiva QJ23

Bibliography

113 Allan, W., 1949. 'Studies in African Land Use in Northern Rhodesia', Rhodes-Livingstone Papers No.15, Manchester University Press.

Barrau, J. 1958. 'Subsistence Agriculture in Melanesia', Bernice P. Bishop Museum Bulletin No.219, Bishop Museum, Honolulu.

Belshaw, Cyril S., 1951a. 'Resettlement in the Mount Lamington Area'. Typescript.

-- 1951b. 'Social Consequences of the Mount Lamington Disaster', Oceania, Vol.21, No.4, pp.241-52.

-- 1964. Under the Ivi Tree: Society and Economic Growth in Rural Fiji, Routledge and Kegan Paul, London.

-- 1965. Traditional Exchange and Modern Markets, Prentice-Hall, Englewood Cliffs, N. Jersey.

Boeke, J.H., 1953. Economics and Economic Policy of Dual Societies as Exemplified by Indonesia, Institute of Pacific Relations, New York.

Brookfield, H.C., 1962. 'Local Study and Comparative Method: an Example from Central New Guinea', Annals of the Association of American Geographers, Vol.52, No.3, pp.242-54.

Bureau of Statistics, 1963. Survey of Indigenous Agriculture and Ancillary Surveys, 1961-1962, Government Printer, Port Moresby.

Burling, R., 1962. 'Maximization Theories and the Study of Economic Anthropology', American Anthropologist, Vol.64, pp.802-21.

Burridge, K.O.L., 1960. Mambu: a Melanesian Millenium, Methuen, London.

Clark, C. and Haswell, M., 1964. The Economics of Subsistence Agriculture, Macmillan and Co., London.

Coaldrake, P., 1964. 'Missions Backfire', St. Mark's Review, No.37, pp.1-6.

113

Commonwealth Scientific and Industrial Research Organisation, 1964. General Report on Lands of the Buna-Kokoda Area, Territory of Papua and New Guinea, Land Research Series No.10, Melbourne.

Conklin, H.C., 1957. 'Hanunoo Agriculture: a Report on an Integral System of Shifting Cultivation in the Philippines', F.A.O. Series on Shifting Cultivation, Vol.2, Rome.

Crocombe, R.G., 1964. 'Communal Cash-cropping among the Orokaiva', New Guinea Research Unit Bulletin, No.4.

-- 1966. 'A Modern Orokaiva Feast', New Guinea Research Bulletin, No.13, pp.69-78.

-- 1967. 'Four Orokaiva Cash Croppers', New Guinea Research Bulletin, No.16, pp.3-22.

Crocombe, R.G. and Hogbin, G.R., 1963. 'Land, Work and Productivity at Inonda', New Guinea Research Unit Bulletin, No.2.

Dakeyne, R.B., 1965. 'Stability and Change in the Yega Economy. A Geographical Case Study of Land Tenure, Land Use and Settlement in Northern Papua', unpublished M.A. thesis, University of Sydney.

-- 1966a. 'Co-operatives at Yega', New Guinea Research Bulletin, No.13, pp.53-68.

-- 1966b. 'Changes in Land Use and Settlement among the Yega', New Guinea Research Bulletin, No.13, pp.27-52.

Dalton, G., 1965. 'Primitive, Archaic, and Modern Economies: Karl Polanyi's Contribution to Economic Anthropology and Comparative Economy', Essays in Economic Anthropology, Dedicated to the Memory of Karl Polanyi, pp.1-24, Proceedings of the 1965 Annual Spring Meeting of the American Ethnological Society, Seattle.

Department of Agriculture, Stock and Fisheries, Popondetta.
File 1-6-A(4). Six-monthly and annual reports.
File 32-4-A(1). Patrol reports.

Department of Agriculture, Stock and Fisheries, 1959. Agricultural Extension Circular No.1 of 1959. Mimeographed, Port Moresby.

Department of Commerce and Agriculture, 1953. An Economic and Cost Survey of the Copra Industry in the Territory of Papua and New Guinea, Bulletin No.9, Canberra.

8: Waddell & Krinks B-4,5 (1964-1965) 1968 QJ23 Orokaiva QJ23

113

Department of District Administration, Port Moresby.
File DS-29-8-26, DS-29-8-33 and 1-1543/44. Patrol reports, Higaturu.
File DS-17-4-5. Patrol reports, Popondetta.

Firth, R., 1959. Economics of the New Zealand Maori, Government Printer, Wellington.

Fisk, E.K., 1962. 'Planning in a Primitive Economy: Special Problems of Papua-New Guinea', Economic Record, Vol.38, No.84, pp.462-78.

-- 1964. 'Planning in a Primitive Economy: from Pure Subsistence to the Production of a Market Surplus', Economic Record, Vol.40, No.90, pp.156-74.

Haswell, M.R., 1953. 'Economics of Agriculture in a Savannah Village', Colonial Research Studies, No.8, HMSO, London.

-- 1963. 'The Changing Pattern of Economic Activity in a Gambia Village', Department of Technical Co-operation Overseas Research Publication, No.2, HMSO, London.

Howlett, D.R., 1965. 'The European Land Settlement Scheme at Popondetta', New Guinea Research Unit Bulletin, No.6.

Humphries, W.R., 1923. Patrolling in Papua, T. Fisher Unwin, London.

International Bank for Reconstruction and Development, 1965. The Economic Development of the Territory of Papua and New Guinea, Johns Hopkins Press, Baltimore.

Johnston, K.M., 1967. 'Village Agriculture in Aitutaki, Cook Islands', Pacific Viewpoint Monograph, No.1.

Kay, George, 1964. 'Chief Kalaba's Village: a Preliminary Survey of Economic Life in an Ushi Village, Northern Rhodesia', Rhodes-Livingstone Papers, No.35, Manchester University Press.

Keesing, Felix M., 1952. 'The Papuan Orokaiva vs. Mount Lamington: Cultural Shock and Its Aftermath', Human Organisation, Vol.11, No.1, pp.16-22.

Köppen, W.P. and Geiger, R., 1930 and later. Handbuch der Klimatologie, Borntraeger, Berlin.

Lawrence, P., 1967. 'Land Tenure among the Garia' in Hogbin, I. and Lawrence, P., Studies in New Guinea Land Tenure, Sydney University Press, pp.91-148.

8: Waddell & Krinks E-4,5 (1964-1965) 1968 QJ23 Orokaiva QJ23

1130

Lewis, O., 1966. 'The Culture of Poverty', Scientific American, Vol.215, No.4, pp.19-25.

McCarthy, D., 1959. Australia in the War of 1939-1945. Series One - Army. Vol.5: South-west Pacific Area - First Year. Kokoda to Wau, Australian War Memorial, Canberra.

Morawetz, D., 1967. 'Land Tenure Conversion in the Northern District of Papua', New Guinea Research Bulletin, No.17.

Murdock, G.P., 1949. Social Structure, the Macmillan Company, New York.

Murray, H.P., 1912. Papua or British New Guinea, T. Fisher Unwin, London.

Nash, Manning, 1966. Primitive and Peasant Economic Systems, Chandler, San Francisco.

Platt, B.S., 1945 (reprinted 1956). 'Tables of Representative Values of Food Commonly Used in Tropical Countries', Medical Research Council Special Report Series, No.253, HMSO, London.

Polanyi, K., 1944. The Great Transformation, Rinehart, New York.

Polanyi, K., Arensberg, C.M., Pearson, H.W. (eds), 1957. Trade and Market in the Early Empires: Economics in History and Theory, The Free Press, Glencoe.

Pospisil, L., 1963. 'Kapauku Papuan Economy', Yale University Publication in Anthropology, No.67.

Reay, Marie, 1953. 'Social Control amongst the Orokaiva', Oceania, Vol.24, No.2, pp.110-18.

Reed, M.E.D., 1966. 'Farm Management Principles and the Smallholder'. Mimeographed paper presented at the DASF Extension Conference, Lae, in August 1966.

Rimoldi, M., 1966. 'Land Tenure and Land Use among the Mount Lamington Orokaiva', New Guinea Research Bulletin, No.11.

Sahlins, M.D., 1965. 'On the Sociology of Primitive Exchange', Association of Social Anthropologists Monographs 1, pp.139-236, Tavistock Publications, London.

Salisbury, R.F., 1962. 'Early Stages of Economic Development in New Guinea', Journal of the Polynesian Society, Vol.71, No.3, pp.328-39.

8: Waddell & Krinks B-4,5 (1964-1965) 1968 QJ23 Orokaiva QJ23

● 113 Salisbury, R.F., 1962. From Stone to Steel: Economic Consequences of a Technological Change in New Guinea, Melbourne University Press.

Shand, R.T., 1965. 'The Development of Trade and Specialization in a Primitive Economy', Economic Record, Vol.41, No.94, pp.193-206.

Sjoberg, G., 1962. 'Disasters and Social Change' in Baker, G.W. and Chapman, D.W. (eds), Man and Society in Disaster, Basic Books, New York, pp.356-84.

Steiner, F.B., 1957. 'Towards a Classification of Labour', Sociologus, Vol.7, No.2, pp.112-30.

Thomas, Kenneth D., 1965. 'Shifting Cultivation and the Production of Smallholder Rubber in a South Sumatran Village', Malayan Economic Review, Vol.10, No.1, pp.100-15.

Udy, S.H., Jr, 1959. Organization of Work: a Comparative Analysis of Production among Non-industrial Peoples, HRAF Press, New Haven.

-- 1960. 'Preindustrial Forms of Organized Work' in Moore, W.E. and Feldman, A.S. (eds), Labor Commitment and Social Change in Developing Areas, Social Science Research Council, New York, pp.78-91.

Walker, H.W., 1909. Wanderings among South Sea Savages, H.F. and G. Witherby, London.

Ward, R. Gerard, 1964. 'Cash-cropping and the Fijian Village', Geographical Journal, Vol.130, Pt.4, pp.484-500.

Watters, R.F., 1967. 'Economic Backwardness in the Venezuelan Andes: a Study of the Traditional Sector of the Dual Economy', Pacific Viewpoint, Vol.8, No.1, pp.17-67.

Williams, F.E., 1928. Orokaiva Magic, Oxford University Press, London.

-- 1930. Orokaiva Society, Oxford University Press, London.

Worsley, P., 1957. The Trumpet Shall Sound: a Study of 'Cargo' Cults in Melanesia, MacGibbon and Kee, London.

153 121 influences. Motivation is of considerable importance but tends to be confused. It is easier for a person to say that he won't do something than to say that he can't. This is certainly the case in the European culture where being poorly motivated is more acceptable than being of poor cognitive ability. The former state can be altered from time to time but the latter state is relatively unchangeable.

It is suggested that in those cases where there is a need to choose between a number of applicants, those with the greatest probability of success should be selected. Close attention should be paid to the individual's cognitive ability and this, together with knowledge of other background and environmental influences, can increase the possibility of success in any selective procedure.

Bibliography

113 Alexander, W.P., 1932. 'A new performance test of intelligence', British Journal of Psychology, Vol.23, pp.52-63.

Arthur, Grace, 1943. A point scale of performance tests, revised form II, New York.

Bhatia, C.M., 1955. Performance tests of intelligence under Indian conditions, London.

Biesheuvel, S., 1949. 'Psychological tests and their application to non-European peoples', The Yearbook of Education, London, pp.87-126.

Binet, A. and Henri, V., 1895. 'La psychologie individuelle', Année psychologique, Vol.2, pp.411-63.

Binet, A. and Simon, T., 1905. 'Methodes nouvelles pour le diagnostic du niveau intellectual des anormaux', Année psychologique, Vol.11, pp.191-244.

Campbell, Alison C., 1963. 'Intelligence test items and serendipity', Australian Journal of Psychology, Vol.15, No.3, pp.201-5.

Cattell, J. McK., 1890. 'Mental tests and measurement', Mind, Vol.15, pp.373-80.

Cattell, R.B., 1944. 'A culture-free intelligence test', Manual of directions, New York.

113 Cheetham, R.J., 1963. 'The development of indigenous agriculture, land settlement, and rural credit facilities in Papua and New Guinea', The Papua and New Guinea Agricultural Journal, Vol.4, pp.67-78.

Crocombe, R.G., 1963. 'Land tenure research in Papua and New Guinea', an address to the Scientific Society, Port Moresby, 10 April 1963.

-- 1964. 'Communal cash cropping among the Orokaiva', New Guinea Research Unit Bulletin, No.4.

Crocombe, R.G. and Hogbin, G.R., 1963. 'Land, work and productivity at Inonda', New Guinea Research Unit Bulletin, No.2.

Dakeyne, R.B., 1965. Stability and Change in the Yega Economy. A geographical case study of land tenure, land use and settlement in Northern Papua. Unpublished M.A. thesis, University of Sydney.

Fowler, H.L., 1940. 'Report on psychological tests on natives in the north-west of Western Australia', Australian Journal of Science, Vol.2, pp.124-7.

Galton, F., 1883. Inquiries into human faculty and its development, London.

Goddard, H.H., 1910. 'A measuring scale for intelligence', Vineland Training School Bulletin, Vol.6, pp.146-55.

Goodenough, F.L., 1926. The measurement of intelligence by drawings, New York.

Goodenough, F.L. and Harris, D.B., 1950. 'Studies in the psychology of children's drawings, II. 1928-1949', Psychological Bulletin, Vol.47, pp.369-433.

Haddon, A.C. (gen. ed.), 1901-35. Reports of the Cambridge Anthropological Expedition to Torres Straits, six vols. Cambridge.

Havighurst, R.J. and Hilkevitch, R.R., 1944. 'The intelligence of Indian children as measured by a performance scale', Journal of abnormal and social psychology, Vol.39, pp.419-33.

Hector, H., 1960. 'Results from a simple Gestalt continuation test applied to illiterate black mineworkers', Journal of the National Institute of Personnel Research, Vol.7, pp.156-61.

Howlett, D.R., 1965. 'The European Land Settlement Scheme at Popondetta', New Guinea Research Unit Bulletin, No.6.

Jordheim, G.D. and Olsen, Inger A., 1963. 'The use of a non-verbal test of intelligence in the Trust Territory of the Pacific', American Anthropologist, Vol.65, pp.1122-5.

113 Kearney, G.E., 1962. P.I.R. IV - A performance test for indigenous peoples. Unpublished thesis, University of Queensland Library.

-- 1964. 'Critical comment on the use of a non-verbal test of intelligence in the Trust Territory of the Pacific by G.D. Jordheim and Inger A. Olsen', American Anthropologist, Vol.66, pp.1395-6.

Keesing, F.M., 1951. The Papuan Orokaiva versus Mt Lamington: Cultural Shock and Its Aftermath. Mimeograph.

Kohs, S.C., 1923. Intelligence measurement: a psychological and statistical study based on the Block-Design test, New York.

Leiter, R.G., 1936. 'The Leiter international performance scale', University of Hawaii Bulletin, Vol.15, No.7.

Mann, C.W., 1935. Fiji test of general ability, handbook, Suva.

McElwain, D.W. and Griffiths, D.M., 1958. Report on the possibility of using psychological procedures as an aid to recruiting in the Pacific Islands Regiment, Brisbane: Unpublished report for Headquarters, Northern Command.

Ord, I.G., 1959. Development of a test of cognitive capacity for Indigenes of Papua and New Guinea, unpublished M.A. thesis, University of Queensland Library.

Porteus, S.D., 1931. The psychology of a primitive people, London.

Rimoldi, M., 1966a. 'Land tenure and land use among the Mount Lamington Orokaiva', New Guinea Research Bulletin, No.11.

-- 1966b. Land tenure and use among the Aiga at Borugasusu (in preparation for publication).

Rivers, W.H.R., 1901. In Haddon, 1901-35, Vol.11, Part 1.

Roscoe, G.T., 1953. 'The mentality of the native people of Papua and New Guinea'. Paper read to the British Psychological Society (Australian Branch) Annual Conference, Brisbane.

Runkel, P.J. and Damrin, Dora E., 1961. 'Effects of training and anxiety upon teachers' preferences for information about students', Journal of Educational Psychology, Vol.52, pp.254-61.

Sargant, W., 1957. Battle for the Mind, London.

Sinclair, A., McElwain, D.W. and Campbell, E.F., 1957. Report of a field and clinical survey of the mental health of the indigenes of the Territory of Papua and New Guinea, Port Moresby.

Terman, L.M., 1916. The measurement of intelligence, Boston.

Williams, F.E., 1928. Orokaiva Magic, London.

-- 1930. Orokaiva Society, London.

10: Dakeyne K-S (1962-1964) 1966 0133 Orokaiva GJ23
Yega
Ononda

continues, a pattern of farmsteads set in consolidated, individual holdings may well replace today's villages and hamlets with their fragmented, widely-scattered landholdings. 361 178

Acknowledgements

This paper is portion of a wider study of Yega land use and settlement. The author gratefully acknowledges assistance and advice from colleagues in Australia, from officers of the Administration in Papua and from members of the A.N.U. New Guinea Research Unit. Field work was financed by research grant from the University of Sydney. 128 122

Bibliography

Crocombe, R.G. and Hogbin, G.R., 1963. 'Land, Work and Productivity at Inonda', New Guinea Research Unit Bulletin No.2.

Dakeyne, R.B., 1965. 'Stability and Change in the Yega Economy', unpublished M.A. thesis, Department of Geography Library, University of Sydney. 113

many of whom moved their place of residence some three to five miles inland from the coastal villages along the Gona-Popondetta road during 1963-4, bringing them nearer to the larger Popondetta stores (see preceding article in this bulletin).

The rate of spending was remarkably constant throughout 1962 (the only year checked) except in December when 16 per cent of annual turnover was handled. Other months accounted for 6 per cent to 9 per cent of the annual turnover. The high figure for December was partly due to a shareholders' rebate being distributed on 12 December. Much of the money given in rebates was seen by the author to be immediately spent again in the store. Also, many men who worked outside the village returned for holidays at Christmas time with appreciable sums of money. Finally, the European custom of holding Christmas parties had been adopted by the Yega, resulting in increased spending on food.

The Yega were still predominantly subsistence cultivators with very limited financial resources. The co-operative store served a useful purpose in providing them with easily preservable proteins as well as a range of other foods, clothing, consumer goods, tools and domestic equipment.

Bibliography

Anglican Mission, 1946-53. Gona Anglican Mission Diary (various diarists).

Benson, Rev. J., 1957. Prisoners' Base and Home Again, London.

Clint, Rev. A., 1950. Report on the Co-operative Movement in the Northern District of Papua, cyclostyled, Department of Trade and Industry, Port Moresby.

Dakeyne, R.B., 1965. 'Stability and Change in the Yega Economy', unpublished thesis, Department of Geography Library, University of Sydney.

Legge, J.D., 1956. Australian Colonial Policy, Australian Institute of International Affairs, Sydney.

South Pacific Commission, 1953. The Co-operative Movement in Papua and New Guinea, Technical Paper No.42.

those visitors who had given most cash. In former times, they said, feasts usually continued for two to five days, but today there is a tendency, particularly in areas where paid work is available, to get them over in a single night or week-end. 514

While the rationale for the party was the birthday of the two children, they were in fact conspicuous by their absence from any aspect of the celebrations, feasting or exchange. The changing modes of dancing, dress, entertainment and economic exchange showed a constant striving to acquire foreign behaviour patterns. The feast did serve to confirm the adoption of the children (which had not previously been formalized) and to affirm the bona fides of the son-in-law who had been unable to meet his bride-wealth obligations. But it appeared to me that the main motive of the promoter (a retired mission teacher whose prestige was considerable, but waning in his retirement, and whose status was marginal in a patrivirilocal society in which circumstances forced him to live in the village of two of his daughters' husbands) was to reaffirm his prestige and reinforce his stake in the village of his residence. [111] [549] [554]

Bibliography

Williams, F.E., 1928. Orokaiva Magic, London.

-- 1930. Orokaiva Society, London.

113

even have been sufficient qualification for admission to a group, but without precise and comprehensive genealogical information this cannot be asserted. It is possible, for example, that some households could trace approximately equivalent but very distant genealogical relationships to both bride and groom, and that place of residence then determined the group with which they were aligned.

Williams (1930:137) describes a marriage payment typical of the mid-1920s. It included no cash and the traditional valuable would have been worth only $10.00 at 1962 prices. The traditional valuables in the bride-wealth described here were worth about three times as much and in addition $80.00 in cash was included. The people clearly regarded the cash as the most important component. Those genealogically and residentially closest to the groom contributed most cash; there was considerable formality associated with the payment of it; and in discussions of the bride-wealth the dominant topic was the cash component. The bride's father and brother received most of the cash but only a small proportion of the traditional valuables and they showed little interest in the latter. Households with lesser claims generally received items other than cash. The importance of traditional valuables in marriage payments has therefore declined markedly as a result of the introduction of cash to the economy.

Bibliography

Crocombe, R.G. and Hogbin, G.R., 1963. 'Land, work and productivity at Inonda', New Guinea Research Unit Bulletin No.2.

Williams, F.E., 1930. Orokaiva Society, London.

Bibliography

Agricultural Association of Northern Papua, 1959. Information pamphlet (for prospective settlers), 8 pages.

Allied Geographical Section, 1942. South-West Pacific Area Terrain Study No. 27 (Area study of Buna and plains of the Northern Division, Papua).

Barnett, Homer, 1962. "Proposals for a comparative study of cultural change and stability in displaced communities", University of Oregon, 35 pages.

Beaver, W.N., 1915. "Description of the life of the Orokaiva", Annual Report (Territory of Papua) 1914-15, pages 48-51.

- 1919. "Notes on homicidal emblems among the Orokaiva", Annual Report (Territory of Papua) 1918-19, pages 96-9.

Belshaw, C.S., 1951. "Social Consequences of the Mt. Lamington Eruption", Oceania, vol. 21, pages 241-52.

Benson, James (Rev.), 1957. Prisoner's Base and Home Again, Robert Hale Ltd., London, 157 pages.

Chinnery, E.W.P., and Beaver, W.N., 1915. Annual Report (Territory of Papua) 1914-15, Appendices 2, 3 and 4.

Commonwealth Scientific and Industrial Research Organization (Land Research and Regional Survey Section), 1954. "Interim report, description and assessment of the land systems and soil associations in the Kumusi River-Oro Bay area, Northern Division, Papua", being Unpublished Report No. 54/2 of June, 1954, Canberra, 28 pages plus maps and appendices.

Crocombe, R.G., 1963. "A Modern Orokaiva Feast", ms, 13 pages.

Department of Native Affairs, 1961. "Land Tenure Conversion - Higaturu Council Area", A Digest of Native Local Government Bulletins, pages 42-3.

Fisk, E.K., 1961. "The Mobility of Rural Labour and the Settlement of New Land in Underdeveloped Countries", Journal of Farm Economics, vol. 43, pages 761-78.

Forests, Department of, 1957. Report on Forests in the Ihans'embo area.

Hasluck, Paul, 1960. Statement of Policy on Land Tenure in Papua and New Guinea, Parliamentary Debates, vol. H. of R. 26, pages 1019-21.

Higaturu Local Government Council, 1956-63. Minutes of Meetings.

Hogbin, G.R., 1963. "A Modern Orokaiva Wedding", ms, 15 pages.

Keesing, Felix, 1951. "The Papuan Orokaiva versus Mt. Lamington", cyclostyle, 11 pages.

King, Rev. Copland, 1912. "The Baigona Cult", Annual Report (Territory of Papua) 1911-12, pages 154-5.

McCarthy, Dudley, 1957. Australia in the War of 1939-45: South-West Pacific Area First Year, Australian War Memorial, Canberra, 1959, 656 pages (esp. pages 110-1, 114-6, 122-39).

McGrath, W.A., 1959. Report on Land Tenure in the Ihans'embo area.

Monckton, C.A.W., 1921. Some experiences of a New Guinea Resident Magistrate, Newnes, London, 294 pages.

- 1922. Last days in New Guinea, John Lane, London, 287 pages.

- 1934. New Guinea Recollections, John Lane, London, 250 pages.

National Mapping Office, 1959. Map entitled "Land Tenure in the Ihane'embo Native District - Orokaiva - Northern District".

Native Affairs, Department of. Patrol Reports on the Inonda Area.

Norton, John E., 1962. "Notes on Land Ownership and Inheritance Rights of the Orokaiva people", typescript, 16 pages.

Reay, Marie, 1953. "Social control among the Orokaiva", Oceania, vol. 24, pages 110-8.

Reserve Bank, 1962. Commodity Notes for Papua-New Guinea, 6 pages.

Taylor, G.A., 1958. The 1951 Eruption of Mount Lamington, Papua, Department of National Development, Canberra, 117 pages plus maps and appendices.

Williams, F.E., 1925. "Plant Emblems among the Orokaiva", Journal of Royal Anthropological Institute, vol. 55, pages 405-24.

- 1928. Orokaiva Magic, Oxford University Press, London, 231 pages.

- 1930. Orokaiva Society, Oxford University Press, London, 355 pages.

It is thus understandable that though the entrepreneurs are often not acceptable in leadership roles in their own villages, they are acceptable in elective roles where the selection lies with a wider community. It is likely that the stimulus they give to economic change among the Orokaiva is considerable. When they achieve their goal of owning motor transport, which gives tremendous prestige, many will consider that their 'way' has been substantiated and the impact of their example will be multiplied.

Summary

Data are presented on the four rural entrepreneurs among the Orokaiva. Because the sample is so small few generalisations can be made. All had travelled much more widely than the average villager, had been in paid employment for longer and had held posts of greater skill and responsibility than the average villager. Whereas most Orokaiva people established their gardens on their traditional lands, the entrepreneurs have deliberately not done so. The three who had developed their enterprises without financial help were all eldest sons who benefited from the labour of junior relatives. All have attempted to employ permanent labour, but none has succeeded.

There were marked differences between the work patterns of the entrepreneurs and those of villagers. The entrepreneurs spent less time than villagers did on subsistence gardening, but twenty times more in cash-cropping and trading; they spent much less time on traditional social obligations and much more on community leadership.

Bibliography

Crocombe, R.G., 1964. 'Communal Cash Cropping among the Orokaiva', New Guinea Research Unit Bulletin, No.4.

Crocombe, R.G. and Hogbin, G.R., 1963a. 'The Erap Mechanical Farming Project', New Guinea Research Unit Bulletin, No.1.

-- 1963b. 'Land, Work and Productivity at Inonda', New Guinea Research Unit Bulletin, No.2.

Kearney, G.E., 1966. 'Cognitive Capacity among the Orokaiva', New Guinea Research Bulletin, No.13.

Rimoldi, H., 1966. 'Land Tenure and Land Use among the Mount Lamington Orokaiva', New Guinea Research Bulletin, No.11.

Bibliography

113 Crocombe, R.G., 1967. 'Four Orokaiva Cash Croppers' in New Guinea Research Bulletin No.16.

Crocombe, R.G. Unpublished field notes on Asigi villages.

Crocombe, R.G. and Hogbin, G.R., 1963. 'Land, Work and Productivity at Inonda', New Guinea Research Unit Bulletin No.2.

Rimoldi, M., 1966. 'Land Tenure and Land Use Among the Mount Lamington Orokaiva', New Guinea Research Bulletin No.11.

Williams, F.E., 1930. Orokaiva Society, London.

Bibliography

113 Administrator, His Honour the, 1965. Land Tenure Conversion, Circular 31.1.9 to all field officers, roneo, 3 pp + Appendices A and B, 3 November.

Agriculture, Stock and Fisheries, Department of, 1965. Five Year Program for Tenure Conversion in Popondetta-Kokoda Area, typescript, 6 pp, December.

Bauer, P.T., 1948. The Rubber Industry, London.

Belfield, H., 1962. Land Development in the Popondetta Sub-district, typescript, 6 pp, 11 June.

Belshaw, C.S., 1951. 'Social Consequences of the Mt Lamington Eruption', Oceania, Vol.21, pp.241-52.

Brookfield, H.C., 1958. 'The Land', in Australian Institute of Political Science, New Guinea and Australia, Sydney, pp.1-32.

Brookfield, H.C. and Brown, P., 1963. Struggle for Land, Melbourne.

Cheetham, R.J., 1962. 'The Development of Indigenous Agriculture, Land Settlement, and Rural Credit Facilities in Papua and New Guinea', The Papua and New Guinea Agricultural Journal, Vol.15, pp.67-79.

Clayton, Eric S., 1961. 'Small-scale Cash Crop Production in a Developing Economy', Economic Development and Cultural Change, Vol.9, pp.618-24.

Commonwealth Scientific and Industrial Research Organisation, 1964. Lands of the Buna-Kokoda Area, Territory of Papua and New Guinea, Land Research Series No.10, Melbourne.

Crocombe, R.G., 1964a. 'Communal Cash Cropping Among the Orokaiva of the Northern District of Papua', New Guinea Research Unit Bulletin No.4.

-- 1964b. Land Tenure in the Cook Islands, Melbourne.

-- 1965. Some Observations on Land Tenure in the Gilbert Islands, roneo, 20 pp, 22 November.

-- 1966. 'A Modern Orokaiva Feast' in New Guinea Research Bulletin No.13.

17: Morawetz U-4,5 (1966) 1967 OJ23 Orokaiva OJ23
Onbi-Tara

113 Crocombe, R.G. and Hogbin, G.R., 1963. 'Land, Work and Productivity at Inonda', New Guinea Research Unit Bulletin No.2.

Dakeyne, R.B., 1965. Stability and Change in the Yega Economy: a Geographical Study of Land Tenure, Land Use, and Settlement in Northern Papua, unpublished manuscript, M.A. thesis, Sydney.

Emery, F.E. and Oeser, O.A., 1958. Information, Decision and Action, Melbourne.

Epstein, Scarlett, 1965. 'Economic Change and Differentiation in New Britain', Economic Record, Vol.41, pp.173-92.

Feinberg, D.M., 1956. Land Tenure in Relation to Native Economic Development, roneo, 17 pp.

Fisk, E.K., 1961. 'The Mobility of Rural Labour and the Settlement of New Land in Underdeveloped Countries', Journal of Farm Economics, Vol.43, pp.761-78.

-- 1964. 'Planning in a Primitive Economy: from Pure Subsistence to the Production of a Market Surplus', Economic Record, Vol.40, pp.156-74.

Gadalla, S.M., 1962. Land Reform in Relation to Social Development: Egypt, Columbia.

Hailey, Lord, 1957. An African Survey, London.

Hasluck, Paul, 1960. Statement of Policy on Land Tenure in Papua and New Guinea, Parliamentary Debates, Vol. H. of R. 26, pp.1019-21.

Healy, A.M., 1961. 'Agriculture in Kenya and New Guinea', Australian Quarterly, Vol.33, pp.71-82.

Hogbin, G.R., 1966. 'An Orokaiva Marriage' in New Guinea Research Bulletin No.13.

International Bank for Reconstruction and Development, 1965. The Economic Development of the Territory of Papua and New Guinea, Baltimore.

Lawrence, P., 1964. 'Work, Employment and Trade Unionism in Papua and New Guinea', Journal of Industrial Relations, Vol.6, pp.23-40.

Mann, C.E.T., 1954. 'Investigation of the Rubber Industry in Papua and New Guinea - Part II', The Papua and New Guinea Agricultural Journal, Vol.8, pp.28-48.

Newton, K., 1960. 'Shifting Cultivation and Crop Rotation in the Tropics', The Papua and New Guinea Agricultural Journal, Vol.13, pp.81-118.

Panoff, M., 1964. Les structures agraires en Polynésie Française, Paris.

113 Parsons, Kenneth H. et al., 1963. Land Tenure, Madison.

Rimoldi, Max, 1966. 'Land Tenure and Land Use Among the Mount Lamington Orokaiva', New Guinea Research Bulletin No.11.

Smith, R.B.E., 1965. Current Situation - Land Tenure Conversion, typescript, 5 October.

Waddell, E., 1966. Cash Cropping and the Organization of Work in Rural Communities, typescript, 10 pp.

Williams, F.E., 1928. Orokaiva Magic, London.

Williams, N.L., 1966. Some Observations on Land Tenure Conversion in the Northern District, roneo, 8 pp.

Yudelman, Montagu, 1964. Africans on the Land, Cambridge, Mass.

18: Dakeyne K-5 (1962-1964) 1969
OJ23 Orokaiva OJ23
Yega

BIBLIOGRAPHY

113

BROOKFIELD, H. C. and BROWN, PAULA: *Struggle for Land*, O.U.P., Melbourne, 1963.

CROCOMBE, R. G. and HOGBIN, G. R.: 'Land Work and Productivity at Inonda', *N.G.R.B.*, Canberra, 2. 1963.

CROCOMBE, R. G.: 'Communal Cash Cropping among the Orokaiva,' *N.G.R.B.*, Canberra, 4. 1964.

CROCOMBE, R. G.: 'Four Orokaiva Cash Croppers,' *N.G.R.B.*, Canberra, 16. 1967, p. 3.

C.S.I.R.O.: *Lands of the Buna-Kokoda Area, Territory of Papua and New Guinea, Land Research Series No. 10*, Melbourne, 1964.

C.S.I.R.O.: *Lands of Bougainville and Buka Islands, Territory of Papua and New Guinea, Land Research Series No. 20*, Melbourne, 1967.

DAKEYNE, R. B.: 'Changes in Land Use and Settlement among the Yega', *N.G.R.B.*, Canberra, 13. 1966, p. 27.

DAKEYNE, R. B.: 'Co-operatives at Yega', *N.G.R.B.*, Canberra, 13. 1966, p. 59.

DAKEYNE, R. B.: 'Labour Migration in New Guinea, a case Study from Northern Papua', *Pacific Viewpoint*, Wellington, 8. 2. 1967, p. 152.

FISK, E. K. (ed.): *New Guinea on the Threshold; Aspects of Social, Political and Economic Development*, Australian National University, Canberra, 1966.

HITCHCOCK, NANCY E., and GRAM, N. B.: 'Rabia Camp: A Port Moresby Migrant Settlement', *N.G.R.B.*, Canberra, 14. 1967.

HOGBIN, H. I., and WEDGWOOD, CAMELIA, Local Grouping in Melanesia, *Oceania*, 25. 4 and 26. 1, 1953.

HOWLETT, D. R.: 'The European Land Settlement Scheme at Popondetta', *N.G.R.B.*, Canberra, 6. 1965.

LEA, D. A. M., and NEWH, P. G.: *New Guinea; the Territory and its People*, O.U.P., Melbourne, 1967.

LANGMORE, JOHN: 'Contractors in Port Moresby', *N.G.R.B.*, Canberra, 16. 1967, p. 41.

MORAWETZ, DAVID: 'Land Tenure Conversion in the Northern District of Papua', *N.G.R.B.*, Canberra, 17. 1967.

OOSTERMEYER, W. J., and GRAY, JOANNE: 'Twelve Orokaiva Traders', *N.G.R.B.*, Canberra, 16. 1967, p. 23.

GRAM, N. B.: 'Urbanisation—Port Moresby', *South Pacific Bulletin*, October, 1964.

GRAM, N. B.: 'Indigenous Housing in Port Moresby', *Architecture in Australia*, March 1965, p. 108.

GRAM, N. B.: 'Health, Housing and Urban Development', *P. and N.G. Medical Journal*, 8. 2. 1965, p. 41.

GRAM, N. B.: 'Social and Economic Relations in a Port Moresby Canoe Settlement', *N.G.R.B.*, Canberra, 18. 1967.

RINGLAND, M.: 'Land Tenure and Land Use among the Mount Lamington Orokaiva', *N.G.R.B.*, Canberra, 11. 1966.

ROWLEY, C. D.: *The New Guinea Villager*, F. W. Cheshire, Melbourne, 1964.

WILLIAMS, F. E.: *Orokaiva Society*, O.U.P., London, 1930.

[P.40-C]

19: Schwimmer E-5 (1966-1970) 1979 OJ23 Orokaiva OJ23

NOTES

The data presented here were gathered in the Northern Province of Papua New Guinea in summer 1970 with the help of a research grant from the Canada Council. The paper was first presented at a seminar at the Department of Anthropology, University of Chicago. I thank faculty and students at that seminar for their comments, which have led to clarifications of the text.

[1] This article does not discuss what I believe semiotic anthropology to be and what is its relation to French structuralism. The reader is referred to Schwimmer 1977.

[2] It was suggested to me that 'translation rules' may be what Peirce called 'motivations'. Upon reflection, I would suggest that all the constitutive rules of ritualised prestations are concerned with motivations. For instance, taros displayed on a platform at a wedding could be regarded as motivated signs because they are conspicuously part of an 'institution'. If we need a semiotic analogy for 'translation rules', we might say they specify the relation between expression form and expression content in Hjelmslev's sense (1963), where the prestation as message is the expression form and the sentiment immanent in the prestation is the expression content.

[3] MacCormack (1975) rightly remarked on the gap in my monograph (Schwimmer 1973) in respect of the Orokaiva's own rules about reciprocity. There was no reason to expect that he should have been aware that I presented a paper about these rules (Schwimmer 1970). The present article incorporates the main data of that paper, as well as of a later paper presented in Paris in 1974, on the occasion of a conference of French and Canadian ethnographers at the Musée des Arts Populaires.

[4] Two tribes neighbouring Orokaiva have myths concerning figures closely resembling Javaite Poromo, but far from being simple moral tales, these are elaborate myth cycles whose heroes, Wasis for the Ai'i and Ine for the Omie, are said to be the principal exemplars for the 'big man' system in those tribes. Data on these myth cycles were gathered by two Toronto graduate students, namely T. N. Barker for the Ai'i and M. Rohatynskyj for the Omie.

[5] See for instance Fortune (1935) for Manus and Meggitt (1967: 1971) for Mae Enga.

[6] The story is in F. E. Williams's Notebooks now stored in the government archives at Port Moresby and the property of the government of Papua New Guinea. Cf. Notebook W 56 for 1923, quoted in Schwimmer 1973: 140.

REFERENCES

Bouissac, Paul 1977. Semiotics and spectacles: the circus institution and representations. In *A perfusion of signs* (ed.) T. A. Sebeok. Bloomington: Indiana Univ. Press.

Coppet, Daniel de 1968. Pour une étude des échanges cérémoniels en Mélanésie. *Homme* 8, 46–57.

Firth, Raymond 1939. *Primitive Polynesian economy*. London: Routledge.

Fortune, Reo 1935. *Manus religion*. Philadelphia: American Philosophical Society.

Hjelmslev, Louis 1963. *Prolegomena to a theory of language*. Madison: Univ. of Wisconsin Press.

Lévi-Strauss, Claude 1967. (1949). *Les structures élémentaires de la parenté*. Paris: Presses Universitaires de France.

MacCormack, Geoffrey 1975. Reciprocity. *Man* (N.S.) 11, 89–103.

Malinowski, Bronislaw 1922. *Argonauts of the western Pacific*. London: Routledge.

Meggitt, M. J. 1967. The pattern of leadership among the Mae Enga of New Guinea. *Anthrop. Forum* 2, 20–35.

——— 1971. From tribesmen to peasants: the case of the Mae Enga of New Guinea. In *Anthropology in Oceania* (eds.) L. R. Hiatt & C. Jayawardena. Sydney: Angus & Robertson.

Pouwer, Jan 1966. Towards a configurational approach to society and culture in New Guinea. *J. Polynes. Soc.* 75, 267–86.

——— 1974. The structural-configurational approach: a methodological outline. In *The unconscious in culture* (ed.) Ino Rossi. New York: Dutton.

Sahlins, Marshall 1974. *Stone age economics*. London: Tavistock.

19: Schwimmer E-5 (1966-1970) 1979 OJ23 Orokaiva OJ23

Schwimmer, Erik 1970. Notions about the potency of gifts among the Orokaiva. Paper presented at the ANZAAS Conference, Port Moresby.
——— 1973. *Exchange in the social structure of the Orokaiva*. London: Hurst.
——— 1974. Friendship and kinship: an attempt to relate two anthropological concepts. In *The compact: selected dimensions of friendship* (ed.) Elliott Leyton. St John's: Memorial Univ. of Newfoundland.
——— 1977. Semiotics and culture. In *A perfusion of signs* (ed.) T. A. Sebeok. Bloomington: Indiana Univ. Press.
Searle, J. R. 1969. *Speech acts*. Cambridge: Univ. Press.
Williams, F. E. 1930. *Orokaiva society*. London: Oxford Univ. Press.
——— 1941. Group sentiment and primitive justice. *Am. Anthrop.* 43. 323–39.
——— 1976. *The Vailala madness and other essays*. London: Hurst.

113

20: Schwimmer E-5
(1966-1967) 1969
QJ23 Orokaiva QJ23

121 an empirical generalisation that sexual intercourse and conception often go together, and that the latter tends to follow upon the former, without proceeding from this 'basic fact' to the 'theory' that conception is caused by sexual intercourse.

114 This point has already emerged from the debate between Leach, Spiro and Kaberry
171 when Kaberry showed evidence that the tribes she studied 'had no idea of the true
842 relation between sexual intercourse and conception' while she admitted that these tribes know empirically that sex relations are a necessary preliminary to pregnancy. She made the valuable point that her informants' empirical knowledge does not logically entail a 'correct' theory of procreation. The Orokaiva case again illustrates that such empirical knowledge may serve as a building block for a wide range of soundly constructed though perhaps 'incorrect' causal theories.

Erik G. Schwimmer

University of Toronto

● 113 Leach, E. R. 1967. Virgin birth. *Proc. R. anthrop. Inst.* 1966, 39–49.

Spiro, Melford E. 1968. Virgin birth, parthenogenesis and physiological paternity: an essay in cultural interpretation. *Man* (N.S.) 3, 242–61.

[p. 133-B]

21: Belshaw E-5 (1051) 1951 QJ23 Orokaiva QJ23
Mount Lamington

as a first step in their wider rehabilitation. Lectures were given by Europeans, adult illiterates were taught the three " r's," sports were organised, and as a welfare measure the old people were given prepared meals in a " soup kitchen." Once again the response was enthusiastic, indicating a real demand. As refugees moved out of the camp back to villages, it was common for young men who had missed their Mission schooling, or who considered that schooling to be insufficient, to return to Ilimo for the sole purpose of continuing their instruction. Unfortunately, under the unsettled conditions they had to be sent home again. 731

As soon as the danger area had been determined villages outside it were re-started, leaving only 1,500 people at Ilimo by April. These 1,500 people were not permitted to return to their village sites except under special passes to obtain garden produce. An administrative officer was detailed to undertake research into native land tenure and social groupings in the area with a view to determining sites for re-settlement.[1] As a result of his recommendations these refugees were returned to certain areas of land which they were said to own, or which had been granted to them by neighbouring villages. Women remained at Ilimo until shelters had been erected for them, but by June they had rejoined their husbands and the camps were evacuated. A Government patrol post was set up at Saiho in the centre of the evacuation area, and medical facilities were transferred to Saiho from Ilimo.

The policy behind these moves was aimed at re-establishing gardens in the shortest possible time, and the building of an improved style village-system. In addition consideration was given to the possibility of large-scale community development. But there were many difficulties in the way, and the method of carrying out the policy often created further difficulties.

In *Orokaiva Society* Williams characterizes the people as being fierce fighters but gentle and harmonious in their domestic and intra-group relations. Whether or not that was true twenty years ago, Europeans with recent experience of them say that they are now highly excitable, with rapidly inflamed tempers which, however, quickly subside. When under the influence of temper they are said to be violent, and to vent their violence on people near at hand, particularly wives. There is a tendency towards suicide in the case of disappointed love or the loss of children, and they will throw hysterical fits. In view of these conflicting accounts it is impossible for me to judge whether the emotional activity I observed after the volcano was a mere passing phase or represented deeper emotional states. At the same time there were a number of influences present which certainly did nothing to reduce nervous tensions. 157 152 [162]

It is not difficult to describe these. The people were in refugee camps, and the atmosphere of refugee camps is almost always one of strict control, in contrast to the freedom of village life. Work had to be found to keep people occupied, and much of it was camp erection work that had no clear or immediate relevance to the desire 731

[1] See memorandum by H. T. Plant, " Re-Establishment of Isivita Villages," March 24, 1931. with Map and Appendices on Land Ownership, Class and Tribal Groupings. [113]

21: Belshaw E-5 (1951) 1951 OJ23 Orokaiva OJ23
Mount Lamington

discussion as to the best method of undertaking community development to meet the desires of these people. Such desires of course cannot be taken for granted, and indeed the pre-eruption history of the people led many to believe that the time is not appropriate. Certainly any grandiose schemes must wait until the people are relieved of pressing immediate worries. But at the same time there seems to be a genuine change of heart. It is true that this change of heart is accompanied by a feeling of guilt, as I have pointed out before. Yet it would be folly to ignore it.

I obtained many statements of the hopes of these people for the future. Some of them were clearly stimulated by experiences in the refugee camps. All of them contrasted their hopes for the future with their experiences of the past. Here are some that were given to me in the Popota, Hagenahambo area:

"Our lack of progress is the European's fault for not teaching us better." (This point of view was very much in the minority.)

"We get knowledge from school, but we are race people. The European taught us very well, but it is hard for us to learn because of our race. All people say there is one name in Papua, but some go their own way. Australians learn just the same but they are superior because they pull together."

"We want the white man to come and teach us, but no one teaches the Papuan very good. How can we give white people good food or furniture, because we're not taught properly? But this time the Government helps us with food. It is time for us now to try hard to learn. We want natives and white man like one family. We were very bad when the volcano blew up. But now we want to help. We want to give what we can and we want to start a new life for ourselves."

How do the people conceive of this new life? In the first place, it is to take place in a new environment, particularly with new villages and new roads as escape routes in case of a renewal of volcanic activity and as an outlet for produce. In the second place, it is to be related to the "Co-operative"; and this concept of the "Co-operative" requires a great deal of explanation.

Examination of files and interviews with the people show that the history of co-operation in the area covers the whole period following the expulsion of the Japanese[3]. It originally formed an extension of the Christian Co-operative Evangelist movement founded by the Anglican Mission, which appears to be successful in the Gona and other areas. The movement spread to the Kokoda sub-district, and to the intervening Periho group, by means of propagation by Mission teachers. Its first appearance in the Kokoda area caused some consternation in administrative circles, as the unauthorized collection of money always causes alarm. A most interesting report[4] was written by the Assistant District Officer, as a result of which

[3] "In addition to the co-operatives, numerous native commercial activities were begun by the Administration before the war. These included the compulsory planting of rubber, the trees now being tapped under contract to a European planter, and the native-owned but Administration-managed coffee plantations, of which only Sangara has recently been worked."

[4] Memo. Mr. Yeoman to District Officer September 7, 1949. "Co-operative Rumours Kokoda Sub-District."

22: Schwimmer E-4,5 (1966-1967) 1969 OJ23 Orokaiva OJ23
Mount Lamington

BIBLIOGRAPHY

113 Barnes, J. A., 1967: "Agnation among the Enga: A Review Article," Oceania XXXVIII: 33-43

Barnett, Homer G., n.d.: A Comparative Study of Culture Change and Stability in Displaced Communities in the Pacific, mimeo

Beaver, Winifred, 1916: "Kumusi Division," in: Commonwealth of Australia, Papua Annual Report for the year 1914-15, Government of Commonwealth of Australia (Melbourne), pages 48-55

Belshaw, C. S., 1951: "Social Consequences of the Mount Lamington Disaster," Oceania XXI: 241-52

Benson, Canon James, 1955a: "The Bapa Saga and the Brothers Ambo," in The Anglican, Melbourne, March 4, page 6

Benson, Canon James, 1955b: "Kikiri and Gatara," in The Anglican, Melbourne, March 18, page 6

Chinnery, E. W. P. and W. N. Beaver, 1916: "The Movements of the Tribes of the Mambare, Division of Northern Papua," in: Commonwealth of Australia, Papua Annual Report for the Year 1914-15, Government of the Commonwealth of Australia, pages 158-161

Crocombe, R. G., 1966: "A Modern Orokaiva Feast," in: Orokaiva Papers, New Guinea Research Bulletin, Number 13, pages 69-78

Crocombe, R. G. and G. R. Hogbin, 1963: Land, Work and Productivity at Inonda, New Guinea Research Unit Bulletin Number 2

Commonwealth Scientific and Industrial Research Organisation (Land Research and Regional Survey Section), 1954: Interim Report, description and assessment of the land systems and soil associations in the Kumusi River--Oro Bay area, Northern Division, Papua, being Unpublished Report No. 54/2 of June 1954, Canberra

Dakeyne, R. B., 1966: "Cooperatives at Yega," in Orokaiva Papers, New Guinea Research Bulletin Number 13, pages 53-68

113 Fischer, J. L., 1958: "The Classification of Residence in Censuses," American Anthropologist 60: 508-17

Fisk, E. K., 1962: "Planning in a Primitive Economy: Special Problems of Papua--New Guinea," The Economic Record, Vol. 38

Geertz, Clifford, 1966: Agricultural Involution, University of California Press

Hogbin, G. H., 1966: "An Orokaiva Marriage," in Orokaiva Papers, New Guinea Research Bulletin Number 13, pages 79-100

Howlett, D. R., 1965: The European Land Settlement Scheme at Popondetta, New Guinea Research Unit Bulletin Number 6

Hunn, J. K., 1961: Report on the Department of Maori Affairs, Wellington, Government Printer

Keesing, Felix, 1952: "The Papuan Orokaiva vs. Mount Lamington: Cultural Shock and its Aftermath," Human Organisation 11, No. 1: 16-22

Lévi-Strauss, Claude, 1958: Anthroplogie structurale, Paris, Plon

Linton, Ralph, 1936: The Study of Man, New York

Monckton, Captain C. A. W., 1921: Some Experiences of a New Guinea Resident Magistrate, London, John Lane, The Bodley Head

Monckton, Captain C. A. W., 1922: Last Days in New Guinea, being further experiences of a New Guinea Resident Magistrate, New York, Dodd, Mead and Co

Monckton, Captain C. A. W., 1934: New Guinea Recollections, London, John Lane, The Bodley Head

Nicholas, Ralph W., 1965: "Factions, A Comparative Analysis," in: Political Systems and the Distribution of Power, A. S. A. Monographs 2, London, Tavistock Publications, pages 21-61

Parker, R. S., 1966: "The Advance to Responsible Government," in: E. K. Fisk, New Guinea on the Threshold, Canberra, Australian National University Press, pages 243-269

113 Plant, H. T., 1951: "Reestablishment of the Isivita Villages," typescript

Reay, Marie, 1953: "Social Control among the Orokaiva," Oceania XXIV

Rimoldi, Max, 1966: Land Tenure and Land Use among the Mount Lamington Orokaiva, New Guinea Research Bulletin, Number 11

Sahlins, Marshall D., 1963: "Poor Man, Rich Man, Big-Man, Chief: Political Types in Melanesia and Polynesia," Comparative Studies in Society and History, V: 285-300

Salisbury, R. F., 1962: From Stone to Steel, Melbourne University Press

Schwimmer, Eric G., 1956: "The Mediator," Journal of the Polynesian Society 67: 335-350

Schwimmer, Eric G., 1967: "Modern Orokaiva Leadership," Journal of the Papua New Guinea Society, Vol. 1, No. 2: 52-60

Schwimmer, Eric G., 1968: The Maori People of the Nineteen-Sixties, Blackwood and Janet Paul, Ltd., Auckland

Schwimmer, Eric G., 1969: "Exchange in the Social Relations of the Orokaiva: A Study of Traditional and Emergent Ideologies," Doctoral Dissertation, University of British Columbia, Vancouver

Taylor, G. A., 1958: The 1951 Eruption of Mount Lamington, Canberra, Commonwealth Government Printer, Department of National Development, Bureau of Mineral Resources, Geology and Geophysics, Bulletin No. 38

Toulin, J. W. S., 1951: Awakening: A History of the New Guinea Mission, London, New Guinea Mission, Fulham Palace

Territory of Papua: Annual Report for the period 1st July 1964 to 30th June 1965, Commonwealth of Australia, Canberra, Commonwealth Government Printer

Waddell, Eric W., n.d. Manuscript (substantially reprinted in next entry)

113 Waddell, E. W. and P. A. Krinks, 1968: The Organisation of Production and Distribution among the Orokaiva, New Guinea Research Bulletin Number 24

White, Miss Nancy, n.d., Manuscripts

Williams, F. E., n.d.: Papers, Envelope 48, Mitchell Library, Sydney

Williams, F. E., 1928: Orokaiva Magic, London, Oxford University Press

Williams, F. E., 1930: Orokaiva Society, London, Oxford University Press

Wurm, S. A., 1966: "Language and Literacy," in E. K. Fisk, New Guinea on the Threshold, Canberra, Australian National University Press, pages 135-148

101 These so-called "mountain Orokaiva" have been described in considerable ethnographic detail by Williams.[2] Pioneer administrators considered them to be the most ferocious of New Guinea peoples. No tradition exists showing familiarity 133 with vulcanism in the area, apart from one or two dubious hints in myth incident. The nearest volcanic outbreak occurred nearly a decade ago in the Tufi district, a considerable distance to the southeast. Mt. Lamington (5,634 ft.) with its irregular humps of old ash cones and its dense vegetation cover has always been regarded as being extinct. The Oro- 241 kaiva worked their hamlets and gardens high up on the rich soil of its sprawling flanks, achieving perhaps the densest 361 settlement patterns of any of the shifting "dry" cultivators in the New Guinea area.[3] They lacked any background 731 conditioning to cushion the shock as did the whites who developed a Mission station, a Government coffee plantation, other "native" cooperative enterprises in the Sangara area, and, during the war, a mountain rest center which became the district headquarters at Higaturu.

133 The first eruption came on a Sunday morning after three anxious days of earth tremors during which official and 731 Mission personnel hesitated to frighten the people by suggesting evacuation. The eruption had the classic Mont Pele pattern: an exploding gas cloud engulfed an area of about eight miles in every direction and then sucked back. Hot ash covered a very much larger area, and the rivers whose sources are around the peak—the Kumusi, Amboga, and others well known for bitter fighting during the war—became choked with ash flows. The Higatura and Sangara centers on the north side caught the full blast and were virtually flattened, as it was this side of the mountain which blew out. Almost 100 percent casualties occurred in the area engulfed by the gas cloud. Since the bodies were often in good

---

[113] 2. Williams, F. E., *Orokaiva Magic* (1928); *Orokaiva Society* (1930). The Orokaiva and their culture are also referred to extensively in Annual Reports of the Territory from 1890 on, particularly by Chinnery and Beaver in the 1914-15 and 1918-19 reports.

3. Williams speaks of the Lamington slopes as "thickly populated and with innumerable garden-clearings . . . one of the most fertile and beautiful in all Papua" (*Orokaiva Magic*, p. 110).

or even force Orokaiva settlement patterns from the traditional scattered hamlet system to village or even town living. Another tough question was how far Government should step in to supervise matters of economic and social welfare, including elementary schooling which hitherto policy had left almost wholly to the Anglican Mission. The majority of the mountain Orokaiva are now adherents of this Mission, the only body operating in the area. Questions relating to land tenure, social group realignment, leadership, law and order, and other matters involving local custom had also to be faced, especially in the course of the first experiments in resettlement.[4]

Officials and Mission workers reported that the explanations of the "cause" of the disaster given to them by Orokaiva, were, in general, of a supernatural nature: "God" was punishing them for "sins" such as "not supporting Mission and Government plans for development," "not building new churches as requested by the Bishop," or "not helping the Allies enough during the war." However much these may have pleased the hearers, the fact seems to be that there were resulting strong feelings of insecurity and even of guilt in their retrospective look at the pre-eruption way of life.[5] Officials who know the Orokaiva considered that these feelings undoubtedly helped to foster the extraordinary degree of cooperation and orderliness in situations where large numbers of people were necessarily herded together and shifted around without benefit of the traditional niceties and proprieties.

This raises the whole problem of interpreting the overt events here summarized in terms of their cultural and individual contexts. In discussing theory relating to the dynamics of change and resistance to change, the writer, along with others, has referred elsewhere to the general tendency for peoples to be pre-conditioned by the characteristic sets of their culture and personality norms, to be differentially "adaptable" or responsive to change in the face of new experiences.[6] The impression gained in this case is that subject to inevitable factors of shock and disorganization, the Orokaiva were culturally predisposed to respond to the traumatic experience here described with something approaching maximum adaptability.

The mountain Orokaiva are shifting cultivators, and supplement their staple food, taro, with sweet potato, yam, banana and sugar cane. Flesh from domestic pigs, chickens, dogs, and wild game is what Williams calls "a dainty rather than a diet." "Fresh ground," says this ethnographer, "is continually cleared for new plantings" in the typical pattern

---

4. These matters are discussed particularly by C. S. Belshaw, an anthropologist working in Papua under the auspices of the Australian National University Research School of Pacific Studies, as a result of a visit to the area in April, 1951; see his "Social Consequences of the Mount Lamington Eruption," *Oceania*, 21, 4, pp. 241-252 (1951). This article was not seen until after the first draft of this paper was completed, and so the approach is considerably different the two papers are complementary rather than unduly overlapping.

5. Belshaw, *op. cit.*, p. 242, stresses this "guilt" factor.

6. F. J. Keesing, "Some Notes on Acculturation Study," Sixth Pacific Science Congress, *Proceedings*, IV, pp. 39-43 (Berkeley, 1940); "Cultural Dynamics and Administration," Seventh Pacific Science Congress, *Proceedings*, 14 pp., mimeographed (New Zealand, 1949).

mingled more freely as a result of travel on the government roads and trails (which they have to keep in order), trading, Mission and official gatherings, and other new opportunities for interpersonal relations. One special feature of Orokaiva life in modern times is the annual burning-off of grasslands by hunting parties in order to get wild game. This has probably involved the assembly of larger groups and is one of the few activities which could induce intersettlement co-operation. The writer sensed the parallel of the crude local fires set for garden clearing and the general burning-off of grasslands to the major burning and blackening in the wake of the volcano—doubtless a mighty job of clearing to the Orokaiva eye.

Within the limits that brief characterizations of personality norms can be valid, observers seem to agree that the Orokaiva as individuals have traits congruent with the social structure that favor individuality and mobility. Even the casual visitor gets a sense of independence, alertness, self-reliance, "strong talking," dignity, restraint, imperturbability at meeting the unexpected event, and high-tension interpersonal behavior in general. This is in particularly striking contrast to such an elaborately structured society as that of Samoa, where the writer had been working shortly before. In informal groups seen around the camps and waiting at airfields for transport, women and children, far from being in the background, kept up a busy verbal exchange with the men. The Administration has considered the Orokaiva territory as perhaps the best recruiting ground for its Royal Papuan Constabulary on the basis of these personality characteristics, including ability to meet crisis conditions such as patrols may encounter.

The Orokaiva religious history is also particularly interesting here. Their traditional faith, Williams says, though in many respects vague and locally variable, concerned itself "primarily with the spirits of the dead" and their influence on the welfare of the living. Death was appraised with particular realism, although it was considered ultimately as the result of supernatural causes. Magic had a consistent place. Orokaiva country, however, has been swept in modern times by a series of new cults indicative of religious adaptability in the face of fresh experience. First to come into prominence was the *Baigona*, or "snake cult" of 1911-12, succeeded from 1914 on by the so-called "Taro cult" which in turn had undergone a series of local reformulations by the time Williams reported on it in 1924.[7] Central features of the Taro cult were association of successful taro cultivation with the ancestral spirits, approached by way of a "shaking-fit" technique of revelation, together with somewhat new types of public ritual and symbols, including fragmentary elements from Christianity. Later Belshaw and others reported that "Christian Co-operative Evangelist" societies, which were developed by the Anglican Mission among some Orokaiva converts for the cooperative growing of rice and other crops, tended to assume a somewhat parallel and absorbing mystical agriculture context. Rumors spread of "an order from the King (of England) that co-operatives

7. *Orokaiva Magic*, Part I; see also Chinnery, E. W. P. and Haddon, A. C., "Five New Religious Cults in British New Guinea," *Hibbert Journal*, 15, 3 pp. 448-463 (1917). Materials are also found in the official reports of the time.

This was in accordance with the official policy of the Territory that mission bodies shall normally handle at least the first four years of "village" level schooling. In such a major center as Ilimo, however, the question arose as to whether Government should step in to provide more adequate schooling facilities as part of its "community development" program. This was complicated by the fact that children of non-adherents had to come under the Mission teachers if they were to get schooling. The writer was told that in the morning these teachers went through the camp with switches to get children to school. Another potential conflict was foreshadowed at the time of the writer's visit by the Mission's decision to send in agricultural workers in the face of the active program of rehabilitation by Government technical officers.

The writer gave it as his opinion that the Government should not abrogate its responsibilities in essential matters of rehabilitation, that it should insist on coordination rather than rivalry. It is understood that this view has been made policy, even in the face of the great sensitivity of Government in such delicate relationships that could reflect back in the form of criticism by religious groups in the metropolitan country. Government schools have been opened and the people are free to choose between them and the Mission institutions. Official medical services have become well organized. It will undoubtedly take time to unravel the question of the Mission role in agriculture, particularly as it is bound up with the religiously-oriented cooperative movement. There could be further new cults centered upon gardening and, as with various other post-war movements in the New Guinea area, these could be either pro- or anti-Government or Mission or both.[10]

The possibility of transforming Orokaiva agriculture from the shifting to a sedentary basis deserves a special final word. A recent report of the Director of Agriculture stresses this problem as of prime importance to the development of

10. Though extensive materials exist in unpublished official reports on post-war New Guinea cults (e.g., the Paliau movement in Manus, the Tall cult in Madang, the Tomu Kabu cult in the Purari delta) very little has been published. Available references are Belshaw, C.S., "The Significance of Modern Cults in Melanesian Development," *The Australian Outlook*, 4, 2, pp. 116-125 (1950); de Bruyn, J.V., "The Manseren Cult of Biak," *South Pacific* (Journal of the Australian School of Pacific Administration, Sydney), 5, 1, pp. 1-10 (1950); Guiart, J., "Cargo Cults and Political Evolution in Melanesia," *South Pacific*, 5, 7, pp. 128-129 (1951); United Nations Mission, *Report of Visiting Mission, 1950* section on Paliau movement, reproduced in *South Pacific*, 4, pp. 207-208 (1950). A brief analysis of modern cults is given in Keesing, "Research Opportunities in New Guinea," *Southwestern Journal of Anthropology*, 8, 2 (Summer, 1952).

[p. 22-A]

113

REFERENCES

Alkire, William H.
1972 *An Introduction to the Peoples and Cultures of Micronesia.* McCaleb Module no. 18, Addison-Wesley Publications in Anthropology. Reading, Massachusetts: Addison-Wesley.

Althusser, Louis
1969 *For Marx.* New York: Vintage Books.

Barnett, Homer G.
1953 *Innovation: The Basis of Culture Change.* New York: McGraw-Hill.
1961 "A comparative study of cultural change and stability in displaced communities." Grant application to the National Science Foundation.

Barth, Fredrik
1966 *Models of Social Organization.* Royal Anthropological Institute of Great Britain and Ireland, Occasional Paper no. 23. London: Royal Anthropological Institute.
1969 "Introduction." In *Ethnic Groups and Boundaries: The Organization of Cultural Difference*, edited by Fredrik Barth. Boston: Little, Brown.
1971 "Tribes and intertribal relations in the Fly headwaters." *Oceania* 41:171-191.

Barthes, Roland
1964a "Rhetorique de l'image." *Communications* 4:40-51.

24: Schwimmer E-5 (1966-1973) 1977
OJ23 Orokaiva OJ23

1964b "Elements de semeiology." *Communications* 4:91–144.

Bascom, William
1950 "Ponape: the tradition of retaliation." *Far Eastern Quarterly* 10:56–62.

Bateson, Gregory
1935 "Culture contact and schismogenesis." *Man* 35:178–183. Reprinted 1972 in *Steps to an Ecology of Mind*, by Gregory Bateson. New York: Ballantine Books.
1951 "Information, codification and metacommunication." In *Communication: The Social Matrix of Psychiatry*, by Jurgen Reusch and Gregory Bateson. New York: Norton.
1967 "Cybernetic explanation." *American Behavioral Scientist* 10:29–32. Reprinted 1972 in *Steps to an Ecology of Mind*, by Gregory Bateson. New York: Ballantine Books.
1972 *Steps to an Ecology of Mind*. New York: Ballantine Books.

Belshaw, Cyril S.
1951 "Social consequences of the Mount Lamington eruption." *Oceania* 21:241–252.

Benson, Canon James
1955a "The Bapa Saga and the brothers Ambo." *The Anglican* (Melbourne), 4 March 1955, p. 6.
1955b "Kirikiri and Gatara." *The Anglican* (Melbourne), 18 March 1955, p. 6.

Berger, Peter
1969 *The Sacred Canopy*. New York: Doubleday.

Black, Max
1962 "Metaphor." In *Models and Metaphors*, by Max Black. Ithaca: Cornell University Press.

Blau, Peter
1964 *Exchange and Power in Social Life*. New York: Wiley.

British Solomon Island Publications (BSIP)
1965 *Facts about the British Solomon Islands Protectorate*. Honiara: Information Service, BSIP.

Brookfield, H. C., Paula Glick, and Doreen Hart
1969 "Melanesian Mélange: the market at Vila, New Hebrides." In *Pacific Market Places*, edited by H. C. Brookfield. Canberra: Australian National University Press.

Burke, Kenneth
1957 *The Philosophy of Literary Form*. Rev. ed. New York: Vintage Books.
1962 *A Grammar of Motives and A Rhetoric of Motives*. Cleveland: Meridian Books.

24: Schwimmer E-5 (1966-1973) 1977
OJ23 Orokaiva OJ23

● 113 Burridge, Kennelm O. L.
1960 *Mambu: A Melanesian Millennium.* London: Methuen.
1969 *New Heaven, New Earth.* Oxford: Basil Blackwell.

Carroll, Vern
1966 "Nukuoro kinship." Ph.D. dissertation, University of Chicago. (Copies available from the University of Chicago Photoduplication Service.)
1970 "Adoption on Nukuoro." In *Adoption in Eastern Oceania,* edited by Vern Carroll. ASAO Monograph no. 1. Honolulu: University of Hawaii Press.
1975a "The demography of communities." In *Pacific Atoll Populations,* edited by Vern Carroll. ASAO Monograph no. 3. Honolulu: University Press of Hawaii.
1975b "The population of Nukuoro in historical perspective." In *Pacific Atoll Populations,* edited by Vern Carroll. ASAO Monograph no. 3. Honolulu: University Press of Hawaii.

Catala, Rene L. A.
1957 *Report on the Gilbert and Ellice Islands: Some Aspects of Human Ecology.* Atoll Research Bulletin no. 59. Washington, D.C.: Pacific Science Board, National Academy of Sciences—National Research Council.

Chinnery, E. W. P. and A. C. Haddon
1917 "Five new religious cults in British New Guinea." *Hibbert Journal* 15:448–463.

Cochrane, D. G.
1969 "Racialism in the Pacific: a descriptive analysis." *Oceania* 40:1–12.

Courteney, P. P.
1965 *Plantation Agriculture.* New York: Praeger.

Crocombe, Ronald G. and G. R. Hogbin
1963 *Land, Work, and Productivity at Inonda.* Canberra and Port Moresby: Australian National University, New Guinea Research Unit Bulletin no. 2.

Dakeyne, R. B.
1966 "Cooperatives at Yega." In *Orokaiva Papers.* Canberra and Port Moresby: Australian National University, New Guinea Research Unit Bulletin no. 13, pp. 53–68.

Drucker, Phillip
1950 "The ex-Bikini occupants of Kili Island." Unpublished report to the High Commissioner of the U.S. Trust Territory of the Pacific Islands. (Copy located in the Trust Territory files at Headquarters, Saipan; 67 pp.)

24: Schwimmer E-5 (1966-1973) 1977
OJ23 Orokaiva OJ23

113 Dumont, Louis
1970 *Homo Hierarchicus*. Chicago: University of Chicago Press.

Elbert, Samuel H.
1949 "Uta-matua and other tales of Kapingamarangi." *Journal of American Folklore* 62:240–246.

Emory, Kenneth
1965 *Kapingamarangi: Social and Religious Life of a Polynesian Atoll*. Bernice P. Bishop Museum Bulletin 228. Honolulu: Bernice P. Bishop Museum.

Epstein, A. L.
1963 "The economy of modern Matupit." *Oceania* 33:182–215.
1969 *Matupit: Land, Politics and Change among the Tolai of New Britain*. Berkeley: University of California Press.

Fiji Legislative Council
1922 *Fiji Census, 1921*. Legislative Council Paper no. 2. Suva: S. Bach, Government Printer.

Firth, Raymond
1931 "A Native voyage to Rennell." *Oceania* 2:179–190.
1936 *We, the Tikopia*. Boston: Beacon Paperback Press.
1939 *Primitive Polynesian Economy*. London: George Routledge and Sons.
1954 "Anuta and Tikopia: symbiotic elements in social organization." *Journal of Polynesian Society* 63:87–131.
1959 *Social Change in Tikopia*. London: Allen and Unwin.
1969 "Extraterritoriality and the Tikopia chiefs." *Man* 4:354–378.

Francis, E. K.
1947 "The nature of the ethnic group." *American Journal of Sociology* 52:393–400.

Frater, M.
1922 *Midst Volcanic Fires*. London: J. Clarke.

Gallie, W. B.
1962 "Essentially contested concepts." In *The Importance of Language*, edited by Max Black. Englewood Cliffs, New Jersey: Prentice-Hall (Spectrum Books).

Garbett, J. Kingsley
1970 "The analysis of social situations." *Man* 5:214–227.

Geertz, Clifford
1964 "Ideology as a cultural system." In *Ideology and Discontent*, edited by David Apter. New York: Free Press.
1965 *The Social History of an Indonesian Town*. Cambridge: M.I.T. Press.

24: Schwimmer E-5 (1966-1973) 1977
OJ23 Orokaiva OJ23

1966 "Religion as a cultural system." In *Anthropological Approaches to the Study of Religion*, edited by Michael Banton. ASA Monograph no. 3. London: Tavistock Publications.

Geslin, Y.
1956 "Les Américains aux Nouvelles-Hébrides." *Journal de la Société des Océanistes* 12:245–285.

Goffman, Erving
1963 *Stigma*. Englewood Cliffs, New Jersey: Prentice-Hall.

Goodenough, Ward H.
1955 "A problem in Malayo-Polynesian social organization." *American Anthropologist* 57:71–83.
1963 *Cooperation in Change: An Anthropological Approach to Community Development*. New York: Russell Sage Foundation.

Grimble, Arthur
1921 "From birth to death in the Gilbert Islands." *Journal of the Royal Anthropological Institute* 51:25–54.

Guiart, Jean
1951a "Sociétés, rituels et mythes du Nord-Ambrym (Nouvelles-Hébrides)." *Journal de la Société des Océanistes* 7:5–103.
1951b "Forerunners of Melanesian nationalism." *Oceania* 22:81–90.
1956a "Unité culturelle et variations locales dans le centre nord des Nouvelles-Hébrides." *Journal de la Société des Océanistes* 12:217–225.
1956b "Système de parenté et organization matrimoniale à Ambrym." *Journal de la Société des Océanistes* 12:301–326.
1956c *Un Siècle et demi de Contacts Culturels à Tanna (Nouvelle-Hébrides)*. Paris: Société des Océanistes.

Harding, Thomas G.
1971 "Wage labor and cash cropping: the economic adaptation of New Guinea copra producers." *Oceania* 41:192–200.

Hilder, Brett
1961 *Navigator in the South Seas*. London: Percival Marshall and Company.

Hiller, E. T.
1947 *Social Relations and Structures*. New York: Harper and Brothers.

Hines, Neal O.
1962 *Proving Ground: An Account of the Radiobiological Studies in the Pacific, 1946–1961*. Seattle: University of Washington Press.

24: Schwimmer E-5 (1966-1973) 1977
OJ23 Orokaiva OJ23

● 113 Hjelmslev, L.
1963 *Prolegomena to a Theory of Language.* Madison: University of Wisconsin Press.

Hobbs, William
1923 *Cruises along the Byways of the Pacific.* London: Stratford Company.

Homans, George C.
1961 *Social Behavior: Its Elementary Forms.* London: Routledge and Kegan Paul.

Howard, Alan
1961 "Rotuma as a hinterland community." *Journal of the Polynesian Society* 70:272–299.
1963a "Conservatism and non-traditional leadership in Rotuma." *Journal of the Polynesian Society* 72:65–77.
1963b "Land, activity systems, and decision-making models in Rotuma." *Ethnology* 2:407–440.
1964 "Land tenure and social change in Rotuma." *Journal of the Polynesian Society* 73:26–52.
1970 *Learning to be Rotuman.* New York: Teachers College Press, Columbia University.

Howard, Alan and Irwin Howard
1964 "Pre-marital sex and social control among the Rotumans." *American Anthropologist* 66:266–283.

Kaneshiro, Shigeru
1958 "Land tenure in the Palau Islands." In *Land Tenure Patterns: Trust Territory of the Pacific Islands*, vol. 1, edited by John de Young. Guam: Office of the High Commissioner, U.S. Trust Territory of the Pacific Islands.

Keesing, Felix M.
1952 "Papuan Orokaiva vs. Mount Lamington: cultural shock and its aftermath." *Human Organization* 2(1):16–22.

Kiste, Robert C.
1968 *Kili Island: A Study of the Relocation of the Ex-Bikini Marshallese.* Eugene: University of Oregon, Department of Anthropology.
1972 "Relocation and technological change in Micronesia." In *Technology and Social Change*, edited by H. R. Bernard and P. Pelto. New York: Macmillan.
1974 *The Bikinians: A Study in Forced Migration.* Menlo Park, California: Cummings.

Kleekham, Fred
n.d. Unpublished, untitled manuscript available in the New Guinea Research Unit Library in Port Moresby, New Guinea.

24: Schwimmer E-5 (1966-1973) 1977
OJ23 Orokaiva OJ23

113 Knudson, Kenneth
1965 *Titiana: A Gilbertese Community in the Solomon Islands.* Eugene: University of Oregon, Department of Anthropology.
1970 "Resource fluctuation, productivity, and social organization on Micronesian coral atolls." Ph.D. dissertation, University of Oregon. (Available from University Microfilms, Ann Arbor, Michigan.)

Lacan, Jacques
1966 *Écrits.* Paris: Seuil.

Lambert, Bernd
1966 "The economic activities of a Gilbertese chief." In *Political Anthropology*, edited by Marc J. Swartz, Victor W. Turner, and Arthur Tuden. Chicago: Aldine.

Lane, Robert B.
1965 "The Melanesians of South Pentacost, New Hebrides." In *Gods, Ghosts and Men in Melanesia*, edited by Peter Lawrence and Mervin J. Meggitt. Melbourne: Oxford University Press.

Larson, Eric
1966 *Nukufero: A Tikopian Colony in the Russell Islands.* Eugene: University of Oregon, Department of Anthropology.

Laxton, P. B.
1951 "Nikumaroro." *Journal of the Polynesian Society* 60:134–159.

Leach, Edmund
1954 *Political Systems of Highland Burma.* Boston: Beacon Press.
1970 *Lévi-Strauss.* New York: Viking.

Lessa, William A.
1964 "The social effects of typhoon Ophelia (1960) on Ulithi." *Micronesica* 1:1–47.

Lévi-Strauss, Claude
1958 *Anthropologie Structurale.* Paris: Plon.
1960 Leçon Inaugurale. Paris: College de France.
1962 *La Pensée Sauvage.* Paris: Plon.
1966 *The Savage Mind.* Chicago: University of Chicago Press.

Lieber, Michael D.
1968a "The nature of the relationship between kinship and land tenure on Kapingamarangi Atoll." Ph.D. dissertation, University of Pittsburgh. (Available from University Microfilms, Ann Arbor, Michigan.)
1968b *Porakiet: A Kapingamarangi Colony on Ponape.* Eugene: University of Oregon, Department of Anthropology.

24: Schwimmer E-5 (1966-1973) 1977
OJ23 Orokaiva OJ23

1972 "Person, role, and relationship on Kapingamarangi." Paper presented at the 73rd annual meeting of the American Anthropological Association. Toronto, Canada. (Available from the author.)

1974 "Land tenure on Kapingamarangi." In *Land Tenure in Oceania*, edited by Henry P. Lundsgaarde. ASAO Monograph no. 2. Honolulu: University Press of Hawaii.

Linton, Ralph

1936 *The Study of Man*. New York: Appleton-Century.

Lundsgaarde, Henry P.

1966 *Cultural Adaptation in the Southern Gilbert Islands*. Eugene: University of Oregon, Department of Anthropology.

n.d. *Social Change in the Southern Gilbert Islands*. Eugene: University of Oregon, Department of Anthropology.

Lundsgaarde, Henry P. and Martin G. Silverman

1972 "Category and group in Gilbertese kinship: an updating of Goodenough's analysis." *Ethnology* 11:95–110.

Luomala, Katharine

1965 "Humorous narratives about individual resistance to food distribution customs in Tabiteuea, Gilbert Islands." *Journal of American Folklore* 78:28–45.

MacKenzie, Boyd

1961 Memorandum to the District Administrator, Marshall Islands. (Copy located in the files at district headquarters, Majuro, Marshall Islands.)

Mair, Lucy

1965 "How small scale societies change." In *Penguin Survey of the Social Sciences 1965*. Baltimore: Penguin Books.

Mao Tse-tung

1965 "On contradiction." In *Selected Works of Mao Tse-tung*, vol. 1. Peking: Foreign Languages Press.

Markwith, Carl

1946 "Farewell to Bikini." *National Geographic* 90(1):97–116.

Maruyama, Magoroh

1963 "The second cybernetics: deviation-amplifying mutual causal processes." *American Scientist* 51:164–179.

Mason, Leonard

1947 "Economic organization of the Marshall Islanders." *Economic Survey of Micronesia*. U.S. Commercial Company Report no. 9. (Available in microfilm from the Library of Congress.)

1954 "Relocation of the Bikini Marshallese." Ph.D. dissertation,

24: Schwimmer E-5 (1966-1973) 1977
OJ23 Orokaiva OJ23

Yale University. (Available from University Microfilms, Ann Arbor, Michigan.)

1958 "Kili community in transition." *South Pacific Bulletin* 8(2): 32–35.

Maude, H. C. and H. E. Maude

1931 "Adoption in the Gilbert Islands." *Journal of the Polynesian Society* 40:225–235.

Maude, H. E.

1950 "The co-operative movement in the Gilbert and Ellice Islands." *Proceedings of the Seventh Pacific Science Congress* 7:63–76.

1952 "The colonization of the Phoenix Islands." *Journal of the Polynesian Society* 61:62–89.

1960 "The evolution of local government in the Gilbert Islands: an historical reconstruction." Unpublished manuscript, courtesy of the author.

1961 "Post-Spanish discoveries in the Central Pacific." *Journal of the Polynesian Society* 70:67–111.

1963 *Evolution of the Gilbertese Boti: An Ethnohistorical Interpretation.* Polynesian Society Memoir 35. Wellington: The Polynesian Society. (Originally published as a supplement to *Journal of the Polynesian Society* 72:[1] 1963.)

1967 "The swords of Gabriel: a study in participant history." *Journal of Pacific History* 2:113–136.

McArthur, Norma

1958 *Report on the Census of the Population, 1956.* Fijian Legislative Council Paper no. 9. Suva: Government Press.

McArthur, Norma and J. F. Yaxley

1968 *Condominium of the New Hebrides: A Report on the First Census of the Population, 1967.* Sydney: Government Printer.

McKnight, Robert K.

1960 "Competition in Palau." Ph.D. dissertation, Ohio State University. (Available from University Microfilms, Ann Arbor, Michigan.)

Mead, Margaret

1964 "The study of the total communication process." In *Approaches to Semiotics*, edited by Thomas Sebiok. The Hague: Mouton.

Meade, Lt. (jg.) Herbert C.

1946 "Operation Crossroads: resettlement of the Bikini population." Unpublished report on administration of the military government for the month of March by the Island Command-

24: Schwimmer E-5 (1966-1973) 1977
OJ23 Orokaiva OJ23

113 er, Kwajalein, to the Commander, Marianas. Copy available from R. C. Kiste.

Micronesian Independent (Majuro)
1975a "Bikinians may win yet," 6(32):1–2.
1975b "Bikinians filing case in Hawaii federal court," 6(35):10.

Murphy, Robert F. and Julian H. Steward
1956 "Tappers and trappers: parallel processes in acculturation." *Economic Development and Cultural Change* 4:335–353.

Myint, Hla
1965 *The Economics of the Developing Countries.* New York: Praeger.

Nathan Associates, Inc., Robert R.
1966 *Economic Development Plan for Micronesia.* Prepared for the High Commissioner of the Trust Territory of the Pacific Islands. Washington, D.C.: Robert R. Nathan Associates. Mimeographed.

Peacock, James L.
1968 *Rites of Modernization.* Chicago: University of Chicago Press.

Plant, H. T.
1951 "Reestablishment of the Isivita villages." Unpublished manuscript. (Copy available in the New Guinea Research Unit Library.)

Reay, Marie
1953 "Social control among the Orokaiva." *Oceania* 24:110–118.

Richards, Lt. Comdr. Dorothy E.
1957 *United States Naval Administration of the Trust Territory of the Pacific Islands.* Vol. 3. Washington, D.C.: U.S. Government Printing Office.

Riesenberg, Saul H.
1954 "Report on visit to Kili." Unpublished report to the High Commissioner of the U.S. Trust Territory of the Pacific Islands. (Copy located in the files of the Trust Territory Headquarters, Saipan, Marianas Islands.)

Rimoldi, Max
1966 *Land Tenure and Land Use among the Mount Lamington Orokaiva.* Canberra and Port Moresby: Australian National University, New Guinea Research Unit Bulletin no. 11.

Sahlins, Marshall D.
1957 "Land use and the extended family in Moala, Fiji." *American Anthropologist* 59:449–462.

24: Schwimmer E-5 (1966-1973) 1977
OJ23 Orokaiva OJ23

1965 "On the sociology of primitive exchange." In *The Relevance of Models for Social Anthropology*, edited by Michael Banton. ASA Monograph 1. London: Tavistock Publications.

1968 *Tribesmen*. Englewood Cliffs, New Jersey: Prentice-Hall.

Sahlins, Marshall D. and Elman R. Service

1960 *Evolution and Culture*. Ann Arbor: University of Michigan Press.

Schneider, David M.

1968 *American Kinship: A Cultural Account*. Englewood Cliffs, New Jersey: Prentice-Hall.

Schneider, Harold

1970 *The Wahi Wyanturi: Economics in an African Society*. Viking Fund Publications in Anthropology, no. 48. Chicago: Aldine.

Schwimmer, Erik G.

1967 "Modern Orokaiva leadership." *Journal of the Papua New Guinea Society* 1(1):52–60.

1969 *Cultural Consequences of a Volcanic Eruption Experienced by the Mount Lamington Orokaiva*. Eugene: University of Oregon, Department of Anthropology.

1970a "Alternance de l'échange restreint et de l'échange generalise dans le système matrimoniale Orokaiva." *L'Homme* 10(4):5–34.

1970b *The Ideology of Exchange*. Paris: Laboratoire d'Anthropologie Sociale. Mimeographed.

n.d. "Exchange in the social structure of the Orokaiva: a study of the traditional and emergent ideologies in the Northern District of Papua." (Unpublished manuscript; copy available from the author.)

Sebeok, Thomas A.

1970 "Is a comparative semiotics possible?" In *Échanges et Communications*, edited by Jean Pouillon and Pierre Maranda. The Hague: Mouton.

Service, Elman R.

1962 *Primitive Social Organization*. New York: Random House.

Sharp, Lauriston

1952 "Steel axes for stone age Australians." In *Human Problems in Technological Change*, edited by Edward H. Spicer. New York: Russell Sage Foundation.

Silverman, Martin G.

1969 "Maximize your options: a study in symbols, values, and

24: Schwimmer E-5 (1966-1973) 1977
OJ23 Orokaiva OJ23

social structure." In *Forms of Symbolic Action*, edited by Robert F. Spencer. Proceedings of the 1969 Annual Spring Meeting, American Ethnological Society. Seattle: University of Washington Press.

1971 *Disconcerting Issue: Meaning and Struggle in a Resettled Pacific Community*. Chicago: University of Chicago Press.

Spillius, James

1957 "Polynesian experiment: Tikopia islanders as plantation labour." *Progress* 46–47:91–96.

Spoehr, Alexander

1949 *Majuro: A Village in the Marshall Islands*. Fieldiana: Anthropology, vol. 39. Chicago: Chicago Natural History Museum.

Steward, Julian H.

1941 *Culture Element Distributions XIII: Nevada Shoshoni*. University of California Anthropological Records, vol. 4, no. 2. Berkeley: University of California Press.

1943 *Culture Element Distributions XXIII: Northern and Gosiute Shoshoni*. University of California Anthropological Records, vol. 8, no. 3. Berkeley: University of California Press.

1955 *Theory of Culture Change*. Urbana: University of Illinois Press.

Stewart, Omer

1941 *Culture Element Distributions XIV: Northern Paiute*. University of California Anthropological Records, vol. 4, no. 3. Berkeley: University of California Press.

Taylor, G. A.

1958 *The 1951 Eruption of Mount Lamington*. Canberra: Department of National Development, Bureau of Mineral Resources, Geology and Geophysics Bulletin no. 38.

Tobin, Jack

1954 "Kili journal." Unpublished report. (Copy located in the files of the district headquarters, Majuro, Marshall Islands, U.S. Trust Territory of the Pacific Islands.)

1958 "Land tenure in the Marshall Islands." In *Land Tenure Patterns: Trust Territory of the Pacific Islands*, vol. 1, edited by John de Young. Guam: Office of the High Commissioner, U.S. Trust Territory of the Pacific Islands.

Tomlin, J. W. S.

1951 *Awakening: A History of the New Guinea Mission*. London: Fulham Press.

Tonkinson, Robert

1968 *Maat Village, Efate: A Relocated Community in the New*

24: Schwimmer E-5 (1966-1973) 1977
OJ23 Orokaiva OJ23

Hebrides. Eugene: University of Oregon, Department of Anthropology.

Turbott, I. G.
1954 "Portulaca—a specialty in the diet of the Gilbertese in the Phoenix Islands, Central Pacific." *Journal of the Polynesian Society* 63:77–85.

Turner, Victor
1957 *Schism and Continuity in an African Society*. Manchester: Manchester University Press.
1970 *The Forest of Symbols*. Ithaca: Cornell University Press (paperback edition).

U.S. Department of State
1968 *Bulletin*, vol. 54, no. 1525. Washington, D.C.: U.S. Government Printing Office.

U.S. Trust Territory of the Pacific Islands (TTPI)
1974 *Highlights*. A newsletter. 15 February 1974.

van der Leeuw, G.
1938 *Religion in Essence and Manifestation*. London: Allen and Unwin.

Waddell, E. W. and P. A. Krinks
1968 *The Organization of Production and Distribution among the Orokaiva*. Canberra and Port Moresby: Australian National University, New Guinea Research Unit Bulletin no. 24.

Watson, James B.
1970 "Society as organized flow." *Southwestern Journal of Anthropology* 26:107–124.

Watson, Richard A. and Patty Jo Watson
1969 *Man and Nature*. New York: Harcourt, Brace and World.

Wiens, Herold J.
1962 *Atoll Environment and Ecology*. New Haven: Yale University Press.

Williams, C. E. F.
1964 "Vulcanology." In *Progress Report of the Geological Survey for the Period 1959–1962*. New Hebrides: British Government Service.

Williams, F. E.
1928 *Orokaiva Magic*. London: Oxford University Press.
1940 *Orokaiva Society*. London: Oxford University Press.
n.d. Unpublished manuscripts. (Copies located in Sydney, Australia, Mitchell Library, envelope 48.)

Worsley, Peter
1957 *The Trumpet Shall Sound*. London: McGibbon and Kee.

24: Schwimmer E-5 (1966-1973) 1977
OJ23 Orokaiva OJ23

Zwart, F. H. A. G.
1968 *Report on the Census of the Population, 1966.* Fijian Legislative Council Paper no. 9. Suva: Government Press.

25: Schwimmer E-5 (1966-1970) 1974 OJ23 Orokaiva OJ23

References

113 Editor's Note: A valuable interdisciplinary bibliography on friendship is in Coelho (1959); see also Tegnaeus (1952).

ARENSBERG, CONRAD
1937 *The Irish Countryman.* London, Macmillan.

ARISTOTLE
1966 *The Ethics of Aristotle.* London, Penguin Classics.

ARNDT, HANNAH
1958 *The Human Condition.* Chicago, University of Chicago Press.

ARTH, MALCOLM J.
1955–56 "Friendship and Old Age." Paper prepared for the Harvard Seminar on Friendship.

ASHTON, H.
1952 *The Basuto.* Oxford, International African Institute.

AYOUB, MILLICENT
1955–56 "The Social Context of Friendship in an Arab Village of Lebanon." Ms. prepared for the Harvard Seminar on Friendship.

BALES, ROBERT F.
1950 *Interaction Process Analysis.* Cambridge, Addison-Wesley Publishing Co.

BARNES, J. A.
1954 "Class and Committees in a Norwegian Island Parish." *Human Relations,* 7:39–58.

BARTH, F.
1959 *Political Leadership among Swat Pathans.* London, Athlone Press.

BARTH, F.
1966a *Models of Social Organization.* Royal Anthropological Institute Occasional Paper, 23. London.

BARTH, F.
1966b "Anthropological Models and Social Reality." *Proceedings of the Royal Society,* B, 1965:20–34.

BATES, ALAN P.
1964 "Privacy – A Useful Concept?" *Social Forces,* 42:429–34.

BECKER, HOWARD and RUTH HILL USEEM
1942 "Sociological Analysis of the Dyad." *American Sociological Review,* 7:22.

[p.146]

25: Schwimmer E-5 (1966-1970) 1974 OJ23 Orokaiva OJ23

113

BEDNARIK, KARL E.
1970 *The Male in Crisis*. New York, Knopf.

BELL, COLIN R.
1968 *Middle-Class Families: Social and Geographical Mobility*. London, Routledge & Kegan Paul.

BENDIX, R.
1967 "Tradition and Modernity Reconsidered." *Comparative Studies in Society and History*, IX:292–347.

BENEDICT, RUTH
1961 *Patterns of Culture*. Boston, Houghton-Mifflin.

BERLINGER, JOSEPH S.
1962 "The Fleet of the Natives are Large: An Essay on Anthropology by an Economist." *Current Anthropology*, 3:47–77.

BETTELHEIM, BRUNO
1969 *The Children of the Dream*. New York, Macmillan Co.

BIGGS, BRUCE
1960 *Maori Marriage*. Wellington, Polynesian Society.

BLAU, PETER
1964 *Exchange and Power in Social Life*. New York, Wiley.

BLEHR, OTTO
1963 "Action Groups in a Society with Bilateral Kinship: A Case Study from the Faroe Islands." *Ethnology*, 2:269–75.

BOISSEVAIN, JEREMY
1966 "Patronage in Sicily." *Man* (N.S.), 1:18–33.

BOISSEVAIN, JEREMY
1968 "The Place of Non-groups in the Social Sciences." *Man* (N.S.), 3:543–56.

BOTT, ELIZABETH
1957 and 1971 *Family and Social Network*. London, Tavistock Publications.

BURRIDGE, K. O. L.
1957a "Friendship in Tangu." *Oceania*, XXVII:177–89.

BURRIDGE, K. O. L.
1957b "Disputing in Tangu." *American Anthropologist*, 59:763–80.

BURRIDGE, K. O. L.
1965 "Tangu, Northern Madang District." In P. Lawrence and M. J. Meggitt (eds.), *Gods, Ghosts and Men in Melanesia*. Melbourne, Oxford University Press.

BURRIDGE, K. O. L.
1969 *Tangu Traditions*. Melbourne, Oxford University Press.

CAMPBELL, JOHN K.
1964 *Family, Honour and Patronage*. Oxford, Clarendon Press.

CARPENTER, C. R.
1940 "A Field Study in Siam of the Behaviour and Social Relations of the

25: Schwimmer E-S (1966-1970) 1974 QJ23 Orokaiva QJ23

Gibbon." *Comparative Psychology Monographs*, 16(5).

CARPENTER, C. R.
1942 "Social Behaviour of Free-ranging Rhesus Monkeys." *Journal of Comparative Psychology*, 33:113–42.

CHANCE, MICHAEL R. A.
1967 "Attention Structure and the Basis of Primate Rank Orders." *Man*, 2(4).

CHIARAMONTE, LOUIS J.
1969 "Christmas in Deep Harbour." In H. Halpert and G. M. Story (eds.), *Christmas Mumming in Newfoundland: Essays in Anthropology, Folklore and History*. Toronto, University of Toronto Press.

CHIARAMONTE, LOUIS J.
1970 *Craftsman-client Contracts: Interpersonal Relations in a Newfoundland Fishing Community*. St. John's, Institute of Social and Economic Research, Memorial University of Newfoundland.

CHOCK, PHYLLIS P.
1974 "Time, Nature and Spirit: A Symbolic Analysis of Greek-American Spiritual Kinship." *American Ethnologist*, 1(1): 33–47.

CHON, MYONG CHE
1955–56 "Friendships in Urban Korea." Paper prepared for the Harvard Seminar on Friendship.

COELHO, GEORGE V.
1959 "A Guide to Literature on Friendship; a Selectively Annotated Bibliography." *Psychological Newsletter*, 10:365–94.

COHEN, P. S.
1967 "Economic Analysis and Economic Man: Some Comments on a Controversy." In R. Firth (ed.), *Themes in Economic Anthropology*. ASA Monographs, no. 6. London, Tavistock Publications.

COHEN, YEHUDI A.
1961 "Patterns of Friendship." In Y. Cohen (ed.), *Social Structure and Personality*. New York, Holt, Rinehart and Winston.

COHEN, YEHUDI A.
1965 *The Transition to Adulthood*. Chicago, Aldine.

COUNT, EARL W.
1958 "The Biological Basis of Human Sociality." *American Anthropologist*, 60(6).

CRAIG, RUTH
1969 "Marriage among the Telefolmin." In R. M. Glasse and M. J. Meggitt (eds.), *Pigs, Pearlshells and Women*. Englewood Cliffs, N.J., Prentice-Hall.

CROCOMBE, R. G. and G. R. HOGBIN
1963 "Land, Work and Productivity in Inonda." *New Guinea Research Unit Bulletin*, No. 2.

25: Schwimmer E-5 (1966-1970) 1974 OJ23 Orokaiva OJ23

●113 DAHRENDORF, RALF
1959 *Class and Class Conflict in Industrial Society*. Stanford, Stanford University Press.

DENNIS, NORMAN *et al.*
1956 *Coal is Our Life*. London, Eyre and Spottiswoode.

DICKENS, CHARLES
1870 *The Mystery of Edwin Drood*. London.

DRIBERG, H. H.
1935 "The 'Best Friend' among the Didanga." *Man*, 35:101–2.

DUMONT, LOUIS
1966 *Homo Hierarchicus*. Paris, Gallimard.

DURKHEIM, E.
1933 *The Division of Labour*. Glencoe, Ill., The Free Press.

EGGAN, FRED
1954 "Social Anthropology and the Method of Controlled Comparison." *American Anthropologist*, 56:743–63.

EIDHEIM, HARALD
1966 "Lappish Guest Relationship Under Conditions of Cultural Change." *American Anthropologist*, 68:426–37.

EISENBERG, JOHN F.
1964 "The Social Organization of Mammals." *Handbuch der Zoologie*, 10(7).

EISENSTADT, S. N.
1956a *From Generation to Generation*. Glencoe, Ill., The Free Press.

EISENSTADT, S. N.
1956b "Ritualized Personal Relations." *Man*, 96:90–5.

EISENSTADT, S. N.
1961 "Anthropological Studies of Complex Societies." *Current Anthropology*, 2:201–22.

EISENSTADT, S. N. (ed.)
1970 *Readings in Social Evolution and Development*. Oxford, Pergamon.

EISENSTADT, S. N.
1971 *Social Differentiation and Stratification*. Glencoe, Scot-Foresman.

EISENSTADT, S. N.
1973 *Tradition, Change and Modernity*. New York, John Wiley.

EMBREE, JOHN F.
1939 *Suye Mura: A Japanese Village*. Chicago, University of Chicago Press.

EVANS-PRITCHARD, E. E.
1933 "Zande Blood Brotherhood." *Africa*, 6:369–401.

EVANS-PRITCHARD, E. E.
1940 *The Nuer*. Oxford, Clarendon Press.

25: Schwimmer E-5 (1966-1970) 1974 OJ23 Orokaiva OJ23

0113

FARIS, JAMES C.
1972 *Cat Harbour: A Newfoundland Fishing Settlement.* St. John's, Institute of Social and Economic Research, Memorial University of Newfoundland.

FIRESTONE, M.
1967 *Brothers and Rivals, Patrilocality in Savage Cove.* St. John's, Institute of Social and Economic Research, Memorial University of Newfoundland.

FIRTH, RAYMOND
1929 *Primitive Economics of the New Zealand Maori.* New York, Dutton.

FIRTH, RAYMOND
1936 "Bond Friendship in Tikopia." In L. H. D. Burton (ed.), *Custom is King.* London, Hutchinson.

FIRTH, RAYMOND
1939 *Primitive Polynesian Economy.* London, Routledge.

FIRTH, RAYMOND
1951 *Elements of Social Organization.* London, Watts.

FIRTH, RAYMOND
1963 "Authority and Public Opinion." In M. Fortes (ed.), *Social Structure Studies Presented to A. R. Radcliffe-Brown.* New York, Russell and Russell.

FIRTH, RAYMOND
1965 *Two Studies of Kinship in London.* London School of Economics, Monographs in Social Anthropology, no. 15. London, Athlone Press.

FIRTH, RAYMOND
1972 "The Sceptical Anthropologist?: Social Anthropology and Marxist Views on Society." *Proceedings of the British Academy,* LVIII. London, Oxford University Press.

FIRTH, RAYMOND, JANE HUBERT & ANTHONY FORGE
1969 *Families and their Relatives: Kinship in a Middle-class Sector of London: An Anthropological Study.* London, Routledge & Kegan Paul.

FORTES, M.
1953 "The Structure of Unilineal Descent Groups." *American Anthropologist,* 55:17–41.

FORTES, M.
1969 *Kinship and Social Order.* Chicago, Aldine.

FOSTER, G. M.
1953 "Cofradia and Compadrazgo in Spain and South America." *Southwestern Journal of Anthropology,* 9:1–28.

FOSTER, G. M.
1961 "The Dyadic Contract: A Model for the Social Structure of a Mexican Peasant Village." *American Anthropologist,* 63:1173–92.

FOSTER, G. M.
1967 *Tzintzuntzan: Mexican Peasants in a Changing World.* Boston,

25: Schwimmer E-5 (1966-1970) 1974 OJ23 Orokaiva OJ23

Little Brown & Co.

113 FOX, ROBIN
1967 *Kinship and Marriage*. Hammondsworth, Penguin Books.

FOX, ROBIN
1970 "The Cultural Animal." *Encounter*, XXXV(1).

FRANK, A. G.
1971 *Sociology of Development and Underdevelopment of Sociology*. London, Pluto Press.

FRAZER, J.
1900–19. *The Golden Bough, I–XII*. London, Macmillan.

FREEMAN, DEREK
1966 "Social Anthropology and the Scientific Study of Human Behaviour." *Man*, 1(2).

FRIED, MORTON H.
1953 *Fabric of Chinese Society: A Study of the Social Life of a Chinese County Seat*. New York, Praeger.

FROMM, ERIC
1955 *The Sane Society*. New York, Holt, Rinehart & Winston.

GALSWORTHY, J.
1968 *The Man of Property*. London, Penguin Books.

GELLNER, E.
1973 "Concepts and Society." In Jarvie and Agassi (eds.), *Cause and Meaning in the Social Sciences*. London, Routledge & Kegan Paul.

GESSAIN, M.
1971 "Coniagui Women." In D. Paulme (ed.), *Women of Tropical Africa*. Berkeley, University of California Press.

GIBBS, JAMES L. J.
1955–56 "Blood-Brotherhood as a Social Mechanism in Two African Societies." Paper prepared for the Harvard Seminar on Friendship.

GLASSE, R. M.
1969 "Marriage in South Fore." In R. M. Glasse and M. J. Meggitt (eds.), *Pigs, Pearlshells and Women*. Englewood Cliffs, N.J., Prentice-Hall.

GLUCKMAN, M.
1965 "Kinship and Marriage among the Lozi of Northern Rhodesia and the Zulu of Natal." In A. R. Radcliffe-Brown and Daryll Forde (eds.), *African Systems of Kinship and Marriage*. Oxford University Press.

GLUCKMAN, M.
1968 "Psychological, Sociological and Anthropological Explanations of Witchcraft and Gossip: A Clarification." *Man*, (N.S.), 3:20–34.

GOFFMAN, E.
1959 *The Presentation of Self in Everyday Life*. New York, Doubleday Anchor Books.

GOFFMAN, E.
1966 *Behaviour in Public Places*. Glencoe, Ill., The Free Press.

25: Schwimmer E-5 (1966-1970) 1974 QJ23 Orokaiva QJ23

● 113 GOFFMAN, E.
1969 *Strategic Interaction*. Philadelphia, University of Pennsylvania Press.
GOODALL, J.
1967 *My Friends the Wild Chimpanzees*. Washington, National Geographic Society.
GOODE, W. J.
1971 "World Changes in Family Patterns." In J. Goody (ed.), *Kinship*. Hammondsworth, Penguin Books.
GUDERMAN, STEPHEN
1971 "The Compadrazgo as the Reflection of the Natural and Spiritual Person." *Man*, (N.S.), 6(3).
GULLIVER, P.
1955 *The Family Herds*. London, Routledge & Kegan Paul.
HEIDER, KARL G.
1970 *The Dugum Dani*. Chicago, Aldine.
HERSKOVITS, MELVILLE J.
1934 "The Best Friend in Dahomey." In Nancy Cunard (ed.), *Negro: an Anthology*. London.
HOCART, A. M.
1935 "Blood-Brotherhood." *Man*, 35:113–5.
HOGBIN, IAN
1964 *A Guadalcanal Society: The Kaoka Speakers*. New York, Holt, Rinehart & Winston.
HOHEPA, P. W.
1964 *A Maori Community in Northland*. Bulletins of the Auckland University Anthropology Department, No. 1.
HOMANS, G.
1954 "Review of Radcliffe-Brown (1952)." *American Anthropologist*, 56:118.
HONIGMANN, JOHN J.
1968 "Interpersonal Relations in Atomistic Communities." *Human Organization*, 27:220–29.
HOSELITZ, B.
1953 "Social Structure and Economic Growth." *Economia Internazionale*, 6(3).
HOSELITZ, B.
1960 *Sociological Factors in Economic Development*. Glencoe, Ill., The Free Press.
JARVIE, I. C.
1972 *Concepts and Society*. London, Routledge & Kegan Paul.
KAWAI, M.
1965 "On the System of Social Ranks in a Natural Troop of Japanese Monkeys." In Imanishi and Altmann (eds.), *Japanese Monkeys*. Edmonton, Alberta; Atlanta, Ga.

25: Schwimmer E-5 (1966-1970) 1974 OJ23 Orokaiva OJ23

● 113 KAWAMURA, S.
1965 "Matriarchal Social Ranks in the Minoo-B Troop." In Imanishi and Altmann (eds.), *Japanese Monkeys*. Edmonton, Alberta; Atlanta, Ga.

KIEFER, THOMAS M.
1968 "Institutionalized Friendship and Warfare among the Tausug of Jolo." *Ethnology* VII:225–44.

KOHLBERG, LAWRENCE
1971 "Stage and Sequence: the Cognitive-Developmental Approach to Socialization." In David A. Goslin (ed.), *Handbook of Socialization Theory and Research*. Chicago, Rand-McNally.

KÖHLER, W.
1959 *The Mentality of Apes*. New York, Vintage Books.

KRINKS, P. A. and E. WADDELL
1968 "The Organization of Production and Distribution among the Orokaiva." *New Guinea Research Bulletin*, no. 24.

LAING, R. D.
1968 *The Politics of Experience*. London, Penguin Books.

LANG, OLGA
1946 *Chinese Family and Society*. New Haven, Yale University Press.

LATHAM, E.
1952 "The Group Basis of Politics: Notes for a Theory." *American Political Economic Review*, 46.

LAZARSFELD, PAUL F. and ROBERT K. MERTON
1954 "Friendship as a Social Process: A Substantive and Methodological Analysis." In M. Berger, T. Abel and C. U. Page (eds.), *Freedom and Control in Modern Society*. Princeton, N.J., Van Nostrand.

LEACH, E. R.
1961 *Rethinking Anthropology*. London School of Economics, Monograph, no. 22. London, Athlone.

LEACH, E. R.
1968 *A Runaway World?* (The Reith Lectures, 1967). London, Oxford University Press.

LEACH, E. R.
1971 "More about Mamma and Papa." In Needham (ed.), *Rethinking Kinship and Marriage*. ASA Monographs, no. 11. London, Tavistock Publications.

LEYTON, E.
1965 "Composite Descent Groups in Canada." *Man*, LXV(98).

LEYTON, E.
1966 "Conscious Models and Dispute Regulation in an Ulster Village." *Man*, (N.S.), 1:534–42.

LEYTON, E.
1970 "Spheres of Inheritance in Aughnaboy." *American Anthropologist*, 72:1378–88.

25: Schwimmer E-5 (1966-1970) 1974 OJ23 Orokaiva OJ23

113 LEYTON, E.
1972 "Kinship and Class in an Ulster Village." University of Toronto, Unpublished Thesis.
LEVI-STRAUSS, C.
1958 *Anthropologie Structurale*. Paris, Plon.
LEVI-STRAUSS, C.
1962 *Le Totemisme Aujourd'hui*. Paris, Presses Universitaires.
MAHAPATRA, L. K.
n.d. "Ritual Kinship in Orissa." Mimeograph.
MAKERETI,
1938 *The Old-Time Maori*. London, Gollancz.
MALINOWSKI, B.
1922 *Argonauts of the Western Pacific*. London, Routledge & Kegan Paul.
MANDELBAUM, D. G.
1936 "Friendship in North America." *Man*, 36:205–6.
MANN, T.
1924 *Buddenbrooks*. London, Martin Secker.
MARETT, R. R.
1933 *Sacraments of Simple Folk*. Oxford, Clarendon Press.
MARRIOTT, McKIM (ed.)
1955 *Village India: Studies in the Little Community*. Chicago, University of Chicago Press.
MAYER, A. C.
1966 "The Significance of Quasi-Groups in the Study of Complex Societies." In M. Banton (ed.), *The Social Anthropology of Complex Societies*. London, Tavistock Publications.
MCCALL, G. J. (ed.)
1970 *Social Relationships*. Chicago, Aldine.
MCGHEE, T. G.
1973 "Peasants in the Cities: A Paradox, a Paradox, a most Ingenious Paradox." *Human Organization*, 32(2).
MEAD, G. H.
1934 *Mind, Self and Society*. Chicago, University of Chicago Press.
MEAD, M.
1938 "The Mountain Arapesh, I: An Importing Culture." American Museum of Natural History, *Anthropological Papers*, 36(3).
METGE, J.
1964 *A New Maori Migration*. London, Athlone.
MILLETT, KATE
1970 *Sexual Politics*. Garden City, N.Y., Doubleday.
MINTZ, S. W. and E. R. WOLF
1950 "An Analysis of Ritual Co-Parenthood (Compadrazgo)." *Southwestern Journal of Anthropology*, 6:341–68.

25: Schwimmer E-5 (1966-1970) 1974 OJ23 Orokaiva OJ23

● 113 NADEL, S. F.
1957 *The Theory of Social Structure*. London, Cohen & West.

NAEGELE, KASPAR D.
1958 "Friendship and Acquaintances: an Exploration of Some Social Distinctions." *Harvard Educational Review*, 28(3):232–52.

NAKANE, CHIE
1970 *Japanese Society*. Berkeley, California University Press.

NEEDHAM, R. (ed.)
1971 *Rethinking Kinship and Marriage*. ASA Monograghs, no. 11. London, Tavistock Publications.

NEMEC, THOMAS
1972 "I Fish with my Brother." In R. A. Andersen and C. Wadel (eds.), *North Atlantic Fishermen*. St. John's, Institute of Social and Economic Research, Memorial University of Newfoundland.

NICOLSON, NIGEL (ed.)
1971 *Diaries and Letters of Harold Nicolson, 1945–62*. New York, Fontana Books.

NISBET, ROBERT A.
1966 *The Sociological Tradition*. New York, Basic Books.

OLIVER, D.
1955 *A Solomon Island Society*. Cambridge, Mass., Harvard University Press.

OSGOOD, CORNELIUS
1951 *The Koreans and their Culture*. New York, Ronald Press.

PAINE, ROBERT
1971 "A Theory of Patronage and Brokerage." In R. Paine (ed.), *Patrons and Brokers in the East Arctic*. St. John's, Institute of Social and Economic Research, Memorial University of Newfoundland.

PARSONS, ELSIE CLEWS
1915 "Friendship, a Social Category." *American Journal of Sociology*, 21:130–233.

PARSONS, TALCOTT
1951 *The Social System*. Glencoe, Ill., The Free Press.

PARSONS, TALCOTT
1954 "The Present Position and Prospects of Systematic Theory in Sociology." In T. Parsons (ed.), *Essays in Sociological Theory*. Glencoe, Ill., The Free Press.

PARSONS, TALCOTT
1961 "Introduction to Culture and the Social System." In T. Parsons and Edward Shils (eds.), *Theories of Society, Part IV*, Glencoe, Ill., The Free Press.

PARSONS, TALCOTT
1973 "Durkheim and Religion Revisited: Another Look at the Elementary

25: Schwimmer E-5 (1966-1970) 1974 OJ23 Orokaiva OJ23

113

Forms of Religious Life." In C. Y. G. Kock and Phillip E. Hammonds (eds.), *Beyond the Classics*. New York, Harper and Row.

PARSONS, TALCOTT and E. A. SHILS
1951 *Towards a General Theory of Action*. Cambridge, Mass., Harvard University Press.

PIAGET, JEAN
1931 *The Moral Judgment of the Child*. London, Routledge & Kegan Paul.

PIKER, STEVEN
1968 "Friendship to the Death in Rural Thai Society." *Human Organization*, 27:200–04.

PITT-RIVERS, JULIAN
1954 and 1963 *The People of the Sierra*. Chicago, Phoenix Books.

PITT-RIVERS, JULIAN
1961 "Interpersonal Relations in Peasant Society: A Comment." *Human Organization*, 19:180–83.

PITT-RIVERS, JULIAN
1968a "Pseudo-Kinship." *International Encyclopedia of the Social Sciences*, 8. The Macmillan Co. & The Free Press.

PITT-RIVERS, JULIAN
1968b "Honour." *International Encyclopedia of the Social Sciences*, 6. The Macmillan Co. & The Free Press.

PITT-RIVERS, JULIAN
1974 "The Kith and Kin." In J. Goody (ed.), *Character of Kinship*. Cambridge University Press.

POPPER, K.
1959 *The Logic of Scientific Discovery*. Toronto, University of Toronto Press.

POPPER, K.
1973 *Objective Knowledge*. London, Routledge & Kegan Paul.

POSPISIL, LEOPOLD
1964 *The Kapauku Papuans of West New Guinea*. New York, Holt, Rinehart and Winston.

POTTER, ROBERT J.
1967 "Sociable Conversation among Friends, Familiars and Strangers." *The Rocky Mountain Social Science Journal*, IV:153–60.

POUWER, JAN
1955 *Enkele Aspecten van de Mimika-cultuur'*. 's-Gravenhage, Staatsdrukkerij en Uitgeversbedrijf.

QUIATT, D.
1966 "Social Dynamics of Thesus Monkey Groups." University of Colorado, Unpublished Dissertation.

RADCLIFFE-BROWN, A. R.
1961 *Structure and Function in Primitive Society*. London, Cohen and West.

25: Schwimmer E-5 (1966-1970) 1974 OJ23 Orokaiva OJ23

RAMSÖY, ODD
1968 "Friendship." *International Encyclopedia of the Social Sciences*, 6. The Macmillan Co. and The Free Press.

RATTRAY, R. S.
1923 *Ashanti*. Oxford, The Clarendon Press.

REINA, RUBEN E.
1959 "Two Patterns of Friendship in a Guatemalan Community." *American Anthropologist*, 61:44–50.

REYNOLDS, V.
1965 "Chimpanzees in the Budongo Forest." In I. DeVore (ed.), *Primate Behaviour*. New York, Holt, Rinehart and Winston.

REYNOLDS, V.
1966 "Open Groups in Hominid Evolution." *Man*, 1(4).

REYNOLDS, V.
1968 "Kinship and the Family in Monkeys, Apes and Man." *Man*, 3(2): 209–23.

RIDINGTON, ROBIN
1969 "Friends, Relations and Enemies in Savage Society." ISER Colloquium Paper. St. John's, Memorial University of Newfoundland.

RIMOLDI, MAX
1966 "Land Tenure and Land Use among the Mount Lamington Orokaiva." *New Guinea Research Bulletin*, no. 11.

ROBERTS, JOHN M.
1965 "Kinsmen and Friends in Zuni Culture: A Terminological Note." *El Palacio*, 72:38–43. Museum of New Mexico.

RUBEL, ARTHUR J. and HARRIET J. KUPFERER
1968 "Perspectives on the Atomistic-Type Society: Introduction." *Human Organization*, 27:189–90.

SAHLINS, M. D.
1965 "On the Sociology of Primitive Exchange." In M. Banton (ed.), *The Relevance of Models for Social Anthropology*. ASA Monographs, no. 1. London, Tavistock Publications.

SANTOS, M.
1971 *Les Villes du Tiers Monde*. Paris, Editions M-Th. Genin.

SCHAPERA, I. (ed.)
1937 *The Bantu Speaking Tribes of South Africa*. London, Routledge.

SCHNEIDER, D. M.
1968 *American Kinship: A Cultural Account*. Englewood Cliffs, N.J., Prentice-Hall.

SCHNEIDER, D. M.
1972 "What is Kinship all About?" In Priscilla Reining (ed.), *Kinship Studies in the Morgan Centennial Year*. Anthropological Society of Washington.

25: Schwimmer E-5 (1966-1970) 1974 OJ23 Orokaiva OJ23

SCHNEIDER, J.
1970 "Of Vigilance and Virgins: Honor, Shame and Access to Resources in Mediterranean Societies." *Ethnology*, 10(1).

SCHOORL, J. W.
n.d. *Kultuur en Kultuurveranderingen in het Moejoegebied*. Den Haag, Voorhoeve.

SCHWIMMER, ERIK
1967 "Modern Orokaiva Leadership." *Journal of the Papua New Guinea Society*, 1(2):52–60.

SCHWIMMER, ERIK
1969 *The Maori People in the Nineteen Sixties*. Auckland, Paul.

SCHWIMMER, ERIK
1970a "Alternance de l'Échange Restreint et de l'Échange Generalise dans le System Matrimonial Orokaiva." *L'Homme*, X(4):5–34.

SCHWIMMER, ERIK
1970b "The Ideology of Exchange." Paris, Laboratoire d'Anthropologie Sociale, Mimeo.

SCHWIMMER, ERIK
1970c "Exchange in the Social Structure of the Orokaiva." University of British Columbia, Unpublished Dissertation.

SCHWIMMER, ERIK
1972 "Le Sacrifice des Cochons en Papouasie." *L'Homme*, XII(3).

SEIN TU, M.
1955–56 "Friendship among Western Educated Burmese." Paper prepared for the Harvard Seminar on Friendship.

SEXTON, PATRICIA
1969 *The Feminized Male*. New York, Random House.

SHEDDICK, V.
1953 *The Southern Sotho*. Oxford, International African Institute.

SHEDDICK, V.
1954 *Land Tenure in Basutoland*. London, Her Majesty's Stationary Office.

SHILS, EDWARD
1957 "Primordial, Personal, Sacred and Civil Ties." *British Journal of Sociology*, 8:37–52.

SIMIC, A.
1973 "Kinship, Reciprocity and Rural/Urban Integration in Serbia." *Urban Anthropology*, 2(2).

SIMMEL, G.
1949 "The Sociology of Sociability." *The American Journal of Sociology*, 55:254–61.

SIMMEL, G.
1950 *The Sociology of Georg Simmel*. Trans., and ed., by Kurt Wolff. Glencoe, Ill., The Free Press.

25: Schwimmer E-5 (1966-1970) 1974 OJ23 Orokaiva OJ23

• 113

SINGER, M.
1968 "The Indian Joint Family in Modern Industry." In Singer and Cohn (eds.), *Change in Indian Society*. Viking Fund Publications, no. 47.

SMITH, M.
1964 *Baba of Karo*. New York, Praeger.

SMITH, W. R.
1903 *Kinship and Marriage in Early Arabia*. London, A & C Black.

SOUTHALL, A.
1961 *Social Change in Modern Africa*. Oxford, International African Institute.

SOUTHALL, A. (ed.)
1973 *Urban Anthropology*. New York, Oxford University Press.

SOUTHWOLD, M.
1971 "Meanings of Kinship." In R. Needham (ed.), *Rethinking Kinship and Marriage*. ASA Monographs, no. 11. London, Tavistock Publications.

SPEILBERG, JOSEPH
1968 "Small Village Relations in Guatemala: A Case Study." *Human Organization*, 27:204–11.

STEBBINS, R. A.
1969 "On Linking Barth and Homans: A Theoretical Note." *Man*, 4(3).

STERLING, PAUL
1952 "The Social Structure of a Turkish Village." Oxford University, Unpublished Dissertation.

STILES, R. G.
1972 "Fishermen, Wives and Radios." In R. A. Andersen and C. Wadel (eds.), *North Atlantic Fishermen*. St. John's, Institute of Social and Economic Research, Memorial University of Newfoundland.

STOUFFER, S.
1951 "An Empirical Study of Technical Problems in Analysis of Role Obligation." In T. Parsons and E. A. Shils (eds.), *Towards a General Theory of Action*. Cambridge, Harvard University Press.

STRATHERN, ANDREW
1971 *The Rope of Moka*. Cambridge, Cambridge University Press.

STRATHERN, ANDREW and MARILYN
1971 *Self-Decoration in Mount Hagen*. London, Duckworth.

SUGIYAMA, Y.
1969 "Social Behavior of Chimpanzees in the Budongo Forest." *Primates*, 10.

SULLIVAN, H. S.
1953 *The Interpersonal Theory of Psychiatry*. New York, W. W. Norton.

SZWED, J. F.
1966 *Private Cultures and Public Imagery*. St. John's, Institute of Social and Economic Research, Memorial University of Newfoundland.

25: Schwimmer E-5 (1966-1970) 1974 OJ23 Orokaiva OJ23

● 113 TAX, SOL and C. CALENDER
1969 *Evolution after Darwin: Vol. III.* Issues in Evolution. (Panel 5; Cultural Evolution).

TEGNAEUS, H.
1952 *Blood-Brothers: An Ethno-sociological Study of the Institution of Blood-Brotherhood with Special Reference to Africa.* New York, Philosophical Library, Inc.

TIGER, LIONEL
1969 and 1970 *Men in Groups.* London, Thomas Nelson; New York, Random House.

TIGER, LIONEL and ROBIN FOX
1966 "The Zoological Perspective in Social Science." *Man* (N.S.), 1(1).

TIGER, LIONEL and ROBIN FOX
1971 *The Imperial Animal.* New York, Random House.

TINBERGEN, NIKO
1963 "On Aims and Methods of Ethology." *Zeitschrift Für Tierpsychologie,* 20(4).

TÖNNIES, F.
1955 *Community and Association.* London, Routledge & Kegan Paul.

TURNER, VICTOR
1974 *Dramas, Fields and Metaphors: Symbolic Action in Human Society.* Ithaca, Cornell University Press.

WADEL, CATO
1969 *Marginal Adaptation and Modernization in Newfoundland.* St. John's, Institute of Social and Economic Research, Memorial University of Newfoundland.

WADEL, CATO
1973 *Now, Whose Fault is That?* St. John's, Institute of Social and Economic Research, Memorial University of Newfoundland.

WALLMAN, SANDRA
1965 "The Communication of Measurement in Basutoland." *Human Organization,* 24(3).

WALLMAN, SANDRA
1969 *Take Out Hunger: Two Case Studies of Rural Development in Basutoland.* London School of Economics Monographs, no. 39. London, Athlone.

WALLMAN, SANDRA
1970 "Notes on Three Innovators." *Journal of Modern African Studies,* 8(8).

WALLMAN, SANDRA
1972 "Conditions of Non-development: the Case of Lesotho." *Journal of Development Studies,* 8(2).

25: Schwimmer E-5 (1966-1970) 1974 OJ23 Orokaiva OJ23

113 WALLMAN, SANDRA
1973 "The Modernization of Dependence: a Note on Lesotho." Paper presented to Canadian Association African Studies and Canadian Institute International Affairs.

WASHBURN, L. and D. HAMBURG
1965 "The Implications of Primate Research." In I. DeVore (ed.), *Primate Behavior*. Englewood Cliffs, N.J., Prentice-Hall.

WASHBURN, S. L.
1966 "Conflict in Primate Society." In A. de Reuck and J. Knight (eds.), *CIBA Symposium on Conflict*.

WATSON, J. B.
1970 "Society as Organized Flow." *Southwestern Journal of Anthropology*, 26(2).

WEBER, MAX
1947 *Theory of Social and Economic Organization*. Glencoe, Ill., The Free Press.

WESTERMARCK, E.
1908 *The Origin and Development of Moral Ideas*. London, Macmillan & Co.

WHITAKER, IAN
1955 *Social Relations in a Nomadic Lappish Community*. Oslo, Norsk Folkemuseum.

WHYTE, WILLIAM F.
1955 *Street Corner Society*. Chicago, University of Chicago Press.

WILLIAMS, F. E.
1925 "Plant Emblems of the Orokaiva." *Journal of the Royal Anthropological Institute*, 55.

WILLIAMS, F. E.
1928 *Orokaiva Magic*. London, Oxford University Press.

WILLIAMS, F. E.
1930 *Orokaiva Society*. London, Oxford University Press.

WILLIAMS, F. E.
1940 *Drama of Orokolo*. London, Oxford University Press.

WINCH, P.
1970 *The Idea of a Social Science and its Relation to Philosopy*. London, Routledge & Kegan Paul.

WOLF, ERIC
1960 "Book Review." *American Anthropologist*, 62:148–51.

WOLF, ERIC
1966a "Kinship, Friendship, and Patron-Client Relations in Complex Societies." In M. Banton (ed.), *The Social Anthropology of Complex Societies*. ASA Monograph, no. 4. London, Tavistock Publications.

25: Schwimmer E-5 (1966-1970) 1974 OJ23 Orokaiva OJ23

113 WOLF, ERIC
1966b *Peasants*. Englewood Cliffs, N.J., Prentice-Hall.
WOLFE, TOM
1969 *The Pump-House Gang*. New York, Bantam Books.
WOLFF, KURT H. (ed.)
1950 *The Sociology of Georg Simmel*. Glencoe, Ill., The Free Press.

26: Schwimmer E-5 (1966-1970) 1974
OJ23 Orokaiva OJ23

NOTES

101 114 1. The classic works on the Orokaiva are Williams (1928, 1930). Useful studies in Orokaiva swidden agriculture are Crocombe and Hogbin (1963), Rimoldi (1966), Krinks and Waddell (1968). For my own studies on Orokaiva culture, see Schwimmer (1967, 1969, 1972, 1974, and n.d.).

114 128 2. Most of the present study was done in Paris in 1970 and distributed in mimeographed form by the Laboratoire d'Anthropologie Sociale under the title "The Ideology of Exchange." I should like to express my gratitude to Professor Lévi-Strauss, Drs. Godelier and Pouillon, and the other members of the staff for their hospitality and encouragement. My wife, Mrs. Ziska Schwimmer, worked with me in the field on the collection of data and later with their analysis.

824 431 3. "A principle of gradation by which elements are related to the whole of which they form part."

121 4. Professor Lévi-Strauss suggested to me a most interesting relationship between this myth and the Polynesian Maui cycle. Maui was killed by a "Woman of Darkness," Maori: Hinenuiotepo.

REFERENCES CITED

113 Crocombe, R. G., and G. R. Hogbin
1963 "Land, Work and Productivity at Inonda." *New Guinea Research Unit Bulletin* 2.

Dumont, Louis
1966 *Homo Hierarchicus.* Paris: Gallimard.

Flament, Claude
1968 *Théorie des graphes et structures sociales.* Paris: Mouton.

Harari, F., and I. C. Ross
1954 "The Number of Complete Cycles in a Communication Network." *Journal of Social Psychology* 40:329–332.

Krinks, P. A., and Eric Waddell
1968 "The Organisation of Production and Distribution." *New Guinea Research Unit Bulletin* 24.

26: Schwimmer E-5 (1966-1970) 1974
OJ23 Orokaiva OJ23

Lévi-Strauss, Claude
1950 "Introduction à l'oeuvre de Marcel Mauss." In Marcel Mauss, *Anthropologie et sociologie*. Paris: Press Universitaires de France.
1964 *Mythologiques*. I: *Le Cru et le cuit*. Paris: Plon.
1967 *Mythologiques*. II: *Du Miel aux cendres*. Paris: Plon.
1968 *Mythologiques*. III: *L'Origine des manières de table*. Paris: Plon.
1971 *Mythologiques*. IV: *L'Homme Nu*. Paris: Plon.
Rimoldi, Max
1966 "Land Tenure and Land Use Among the Mount Lamington Orokaiva." *New Guinea Research Unit Bulletin* 11.
Sahlins, Marshall
1965 "On the Sociology of Exchange." ASA Monograph 1:139–236.
1968 "Philosophie politique de 'l'Essai sur le don.'" *L'Homme* VIII (4):5–17.
1970 "The Spirit of the Gift." In *Echanges et Communications*, edited by Jean Pouillon and Pierre Maranda. The Hague and Paris: Mouton, pp. 998–1012.
Schwimmer, Erik
1967 "Modern Orokaiva Leadership." *Journal of the Papua, New Guinea Society* I (2):52–60.
1969 *Cultural Consequences of a Volcanic Eruption Experienced by the Mount Lamington Orokaiva*. Comparative Study of Cultural Change and Stability in Displaced Communities, Report No. 9. Eugene, Ore.: University of Oregon.
1970 "Alternance de l'échange restreint et de l'échange généralisé dans le système matrimonial Orokaiva." *L'Homme* X (4):5–34.
1972 "What Did the Eruption Mean?" In *Exiles and Migrants in Oceania*, edited by M. Lieber. Honolulu: University of Hawaii Press.
1974 "Le Sacrifice des cochons en Papouasie." *L'Homme*, in press.
n.d. *Exchange in the Social Structure of the Orokaiva*. The Hague: Mouton, in press.
Sperber, Dan
1968 "Le Structuralisme en anthropologie." In *Qu'est-ce que le structuralisme?* Paris: Seuil, pp. 167–238.
Williams, F. E.
1928 *Orokaiva Magic*. Oxford University Press.
1930 *Orokaiva Society*. Oxford University Press.

27: Schwimmer E-5 (1966-1970) 1979 OJ23 Orokaiva OJ23

appears to be the standard response to lack of time, rather than foregoing coffee.

22. On New Guinea concepts of paid labour and the yield of such labour I learned a great deal from Cloutier (1975–1978).

23. Auge's material on the rich who were inevitably suspected of being zombie masters (1975) is a good illustration of our theme. But on this same phenomenon, see also Ardener (1970).

24. For a somewhat similar analysis of suicide, this time in Polynesia, see Firth (1967, Ch. 5) on suicide and risk taking in Tikopia.

25. For a further example of 'exploitation' of the defeated see Meggitt (1977: 25–26).

26. In *Zur Genealogie der Moral*, Nietzsche (1954: 761–900) offers a detailed discussion of the principle of reciprocity, concerning which he held views rather radically opposed to those of Marcel Mauss. He regarded it as a delusion to be eradicated. Orokaiva likewise regard it as a delusion if practised outside the 'security circle' (see Schwimmer 1979a).

27. This argument, and indeed this entire essay, is close in orientation to Dumont (1977) which can be read as an attempt to set limits on economism in anthropology and elsewhere. We do not question the importance of economics but the delimitation of economics as a separate domain.

References

Ardener, Edwin, 1970. Witchcraft economics and the continuity of belief. In *Witchcraft confessions and accusations*, Mary Douglas (ed.). A.S.A. Monographs 9. London: Tavistock Publ.

Auge, Marc. 1975. *Théorie des pouvoirs et idéologie.* Paris: Hermann.

Baudrillard, Jean. 1973. *Le miroir de la production.* Paris: Castermann.

Belshaw, Cyril S. 1949. *Economic aspects of culture contact in Eastern Melanesia.* Unpub. PhD thesis, University of London.

Burridge, K.O.L. 1969. *Tangu traditions.* Oxford University Press.

Cloutier, Guy. 1975–1978. Field reports on migration, urbanisation, authority patterns, economy, education, the supranatural, spirit beings, Christianity at Lae, Papua New Guinea. Manuscript.

De Coppet, Daniel, 1976. *Jardins de vie, jardins de mort en Mélanésie, Traverses* 5/6, 166–177.

Detienne, Marcel et Jean-Pierre Vernant. 1974. *Les ruses de l'intelligence. la mètis des Grecs.* Paris: Flammarion.

Dumont, Louis. 1977. *Homo aequalis.* Paris: NRF.

Eco, Umberto. 1972. *La structure absente.* Paris: Mercure de France.

Firth, Raymond, 1967. *Tikopia ritual and belief.* London: Allen and Unwin.

Godelier, Maurice. 1973. *Horizon, trajets marxistes en anthropologie.* Paris: Maspero.

Hjelmslev, L. 1953. *Prolegomena to a theory of language.* Madison: University of Wisconsin Press.

Jaeger, Werner. 1946. *Paideia: the ideals of Greek culture*, vol. I. Oxford:

27: Schwimmer E-5 (1966-1970) 1979 OJ23 Orokaiva OJ23

● 113 Basil Blackwell.
Kirkpatrick, G. 1977. *An analysis of time allocation and labour supply in the rural village sector of Melanesia.* London: Brunel University. Multigraph.
Lawrence, P. 1964. Work, employment and trade unionism in Papua and New Guinea. *The Journal of Industrial Relations* 6 (2), 23–40.
Lévi-Strauss, Claude. 1943. Guerre et commerce chez les Indiens de l'Amérique du Sud. *Renaissance* I (1–2), 122–139.
—— 1962. *La pensée sauvage.* Paris: Plon.
Malinowski, B. 1935. *Coral islands and their magic.* Vol. 1. London: Allen and Unwin.
Mauss, Marcel, 1924. Essai sur le don. *Année Sociologique.* 2e serie, t.I. Reprinted: *Sociologie et anthropologie*, 1950, 143–279.
Meggitt, Merwyn. 1977. *Blood is their argument.* Palo Alto: Mayfield Publishing Co.
Newton, Janice. 1978. *No bucks – an analysis of money in an Orokaiva village.* Melbourne: Monash University, Mimeo.
Nietzsche, F. 1954ff. *Werke.* Band II. München: Karl Hauser Verlag.
Panoff, Francoise. 1969. Some facets of Maenge horticulture. *Oceania* XL, 20–31.
Panoff, Michel. 1970. Du suicide comme moyen de gouvernement. *Les Temps Modernes* 288, 109–130.
—— 1977. Energie et vertu: le travail et ses répresentations en Nouvelle-Bretagne. *L'Homme* XVII (2–3), 7–21.
Parry, J.P. 1979. Ghosts, greed and sin. Paper at ASA conf. 1979.
Sahlins, Marshall, 1974. *Stone age economics.* London: Tavistock.
Salisbury, R. 1962. *From stone to steel.* Melbourne: University Press.
Schwimmer, Erik G. 1967. Modern Orokaiva leadership. *Journal of the Papua New Guinea Society* I (2), 52–60.
—— 1969. *Cultural consequences of a volcanic eruption experienced by the Mount Lamington Orokaiva.* Eugene, Department of Anthropology, University of Oregon.
—— 1973. *Exchange in the social structure of the Orokaiva.* London: Hurst.
—— 1974a. Objects of mediation: myth and praxis. In *The unconscious in culture*, I. Rossi (ed.). New York: E.P. Dutton, 209–237.
—— 1974b. Friendship and kinship: an attempt to relate two anthropological concepts. In *The compact*, E. Leyton (ed.). Newfoundland: Memorial University I.S.E.R., 49–70.
—— 1977a. What did the eruption mean? In *Exiles and migrants in Oceania*, M.D. Lieber (ed.), ASAO Monograph 5. Honolulu: University Press of Hawaii, 296–341.
—— 1977b. Semiotics and culture. In *A perfusion of signs*, T.A. Sebeok (ed.). Bloomington: Indiana University Press, 153–179.
—— 1979a. Reciprocity and structure. *Man* 14, (2), 271–285.
—— 1979b. Feasting and tourism. a comparison. *Semiotica.*
Vernant, Jean-Pierre. 1965. *Mythe et pensée chez les Grecs.* Paris: Maspero.

27: Schwimmer E-5 (1966-1970) 1979 OJ23 Orokaiva OJ23

113 Waddell, E. 1972. *The mound builders.* University of Washington Press.
Waddell, E. and Krinks, P. 1968. The organisation of production and distribution among the Orokaiva. *New Guinea Research Bulletin* 24.
Williams, F.E. 1928. *Orokaiva magic.* Oxford University Press.
—— 1930. *Orokaiva society.* Oxford University Press.
—— 1976. *The Vailala madness and other essays.* London: Hurst.